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USAFETAC/DS-80/116

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

HAMILTON AFB CALIF/SAN RAFAEL WBAN #23211
N 38 04 W 122 31 ELEV 14 FT KSRF WMO #

PARTS A-F
POR FROM HOURLY OBS: MAR 39-MAY 41, JUL 41-DEC 70
POR FROM DAILY OBS: MAR 39-MAY 41, JUL 41-DEC 70

NOV 03 1974

FEDERAL BUILDING
ASHEVILLE, N. C.

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AV 82408

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This technical report has been reviewed and is approved for publication.

Carl A. Bower Jr.
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Chief, Data Reference Section
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FOR THE COMMANDER

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Scientific & Technical
Information Officer

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1 REPORT NUMBER USAFETAC/DS- 80/016	2 GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4 TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Hamilton AFB, SAn Rafael, California		5 TYPE OF REPORT & PERIOD COVERED Final rept.
7 AUTHOR(s)		6 PERFORMING ORG REPORT NUMBER
9 PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		10 PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11 CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		12 REPORT DATE 3 NOV 72
14 MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		13 NUMBER OF PAGES D.
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) *RUSSWO Daily temperature Atmospheric pressure Snowfall Extreme snow depth Extreme surface winds Climatology Sea-level pressure Psychrometric summary Surface Winds Extreme temperature Ceiling versus visibility Relative humidity *Climatological data (over)		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Hamilton AFB, San Rafael, California. It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)		

DD FORM 1 JAN 73 1473

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* California * Hamilton AFB, CA

20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

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DATA PROCESSING DIVISION
UEAFETAC OL-1
AIR WEATHER SERVICE (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV.
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations:
0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

MSG JUNE 1941

SEPTEMBER _____

DECEMBER _____

STATION NO OR SUMMARY		STATION NAME		LATITUDE		LONGITUDE		STATION ELEV (FT)		CALL SIGN		WIND READING	
23211		HAMILTON AFB CALIF/SAN RAFAEL		N 38 04		W 122 31		14		KSNF			
STATION LOCATION AND INSTRUMENTATION HISTORY													
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME		TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION A.S.L. (ft)		STATION (ft)	TYPE OF BAROMETER	DEP. DAY	
				FROM	TO			1700 ft					
1	Hamilton Fld, Calif		AAF	Mar 39	Dec 41	N 38 03	W 122 30	8		2 ft		24	
2	Same		Same	Jan 45	May 48	N 38 04	W 122 31	Same		Same		24	
3	Hamilton AFB, Calif		AFB	Jun 48	Mar 54	Same	Same	Same		Same		24	
4	Same		Same	Apr 54	Feb 61	Same	Same	14		Same		24	
5	Same		Same	Mar 61	Feb 64	Same	Same	Same		13 ft		24	
6	Same		Same	Mar 64	Sep 66	Same	Same	Same		14 ft		24	
7	Same		Same	Oct 66	Dec 70	Same	Same	Same		12 ft		24	
NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION					REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE						
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND								
1	Mar 39 to Nov 42	Located on 2nd floor of hangar #7	Anemometer	N/A	61 ft								
2	Dec 42 to Dec 44	Located on first floor of operations bldg.	Same	N/A	33 ft								
3	Jan 45 to May 48	Not available.	Same	N/A	N/A								
4	Jun 48 to Mar 53	Not available.	Selsyn	MIL144B	N/A								

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT. ABOVE GROUND	
5	Apr 53 to Feb 55	Located on top of control tower.	Selsyn	ML144B	75 ft	
6	Mar 55 to Feb 60	Same	Same	Same	82 ft	
7	Mar 60 to Feb 62	1. Same (used only as backup). 2. Located 1400 ft NNW of the touchdown point of runway 30.	Same AN/GMQ-11	RO-2	Same 13 ft	
8	Mar 62 to Feb 63	Located at ROS.	Same	Same	Same	
9	Mar 63 to Jun 70	Located 300 ft to right of runway 30, W of WOS.	Same	Same	15 ft	
10	Jul-Dec 70	1. Located 1800 ft W of ROS, right side of runway 30. 2. Located 7900 ft W of ROS, right side of runway 12.	AN/GMQ-20	RO-362	13 ft	

SIAC-SAFH, 10 Oct

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ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

A
PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail - Occurrences of hail and small hail are included

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

STATION NAME

YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.1	15.6	.0	.0	.0	15.6	29.5	11.1		.0	38.5	23035
FEB		.0	12.0		.0	.0	12.0	16.2	6.3			21.2	20987
MAR		.0	9.7			.0	9.7	4.7	2.1			6.6	23793
APR			5.9			.0	5.9	3.3	1.4			4.6	23020
MAY		.0	2.5				2.5	2.3	1.3			3.5	23784
JUN		.0	1.1				1.1	.8	1.0			1.7	22300
JUL		.0	.2				.2	1.9	.8			2.6	23787
AUG		.1	.4				.4	2.5	1.4			3.8	23803
SEP		.1	.8				.8	3.8	4.2			7.8	23007
OCT		.0	3.6				3.6	7.8	7.1			14.5	23784
NOV		.0	9.3				9.3	17.9	12.1			28.6	23012
DEC		.0	14.1		.0	.0	14.1	30.8	12.5			40.9	23783
TOTALS		.0	6.3	.0	.0	.0	6.3	10.1	5.1		.0	14.5	276095

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23211 HAMILTON AFB CALIF/SAN RAFAEL 40-70
STATION STATION NAME

YEARS

JAN
MONTR

**PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS**

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02	.1	16.0				16.0	32.8	5.9			37.5	2874
	03-05		16.9				16.9	38.5	5.0			42.0	2882
	06-08	.2	17.2	.0	.0		17.2	44.3	5.8			48.2	2882
	09-11		15.7				15.7	38.2	13.4			48.5	2881
	12-14		15.3				15.3	22.5	18.7			39.2	2880
	15-17		14.7			.0	14.7	16.5	17.5		.0	32.0	2880
	18-20		14.6				14.6	18.5	13.3			29.4	2878
	21-23	.1	14.1				14.1	24.5	8.8			31.5	2878
TOTALS		.1	15.6	.0	.0	.0	15.6	29.5	11.1		.0	38.5	23035

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23211 HAMILTON AFB CALIF/SAN RAFAEL 40-70
STATION STATION NAME

YEARS

FEB
MONTH

**PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS**

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02	.0	12,0				12,0	16,8	3,5			19,2	2624
	03-05		13,5				13,5	24,8	3,7			27,4	2626
	06-08		14,0				14,0	31,1	3,5			33,2	2628
	09-11	.0	12,3			.0	12,3	24,3	8,9			30,3	2625
	12-14	.0	13,0		.0		13,0	11,1	12,2			21,6	2624
	15-17		10,5				10,5	5,8	8,0			13,3	2619
	18-20		10,2				10,2	6,2	6,1			11,7	2618
	21-23	.1	10,7				10,7	9,1	4,6			12,5	2623
TOTALS		.0	12,0		.0	.0	12,0	16,2	6,3			21,2	20987

C DATA PROCESSING DIVISION
3 USAF ETAC
5 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

C 23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70
STATION STATION NAME -

YEARS

MAR
MONTH

**PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS**

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		10.0				10.0	3.4	.7			3.8	2969
	03-05		11.8				11.8	6.9	.5			7.3	2975
	06-08		10.0				10.0	12.9	2.0			14.5	2973
	09-11		9.9			,0	9.9	7.0	5.4			11.8	2975
	12-14		9.7				9.7	2.4	4.6			6.8	2976
	15-17	,1	8.4				8.4	1.6	1.9			3.5	2976
	18-20	,0	8.5				8.5	1.8	1.0			2.7	2976
	21-23		8.9				8.9	1.5	.9			2.4	2973
TOTALS			,0	9.7		,0	9.7	4.7	2.1			6.6	23793

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION STATION NAME

39-70

YEARS

APR

**PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS**

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. C OBS.
APR	00-02		6.0				6.0	3.3	.4			3.7	2876
	03-05		6.4				6.4	7.5	.8			8.1	2879
	06-08		7.0				7.0	9.6	2.1			11.3	2875
	09-11		6.6			.0	6.6	2.6	3.2			5.7	2880
	12-14		5.7			.0	5.7	1.0	2.4			3.4	2878
	15-17		5.6				5.6	.5	1.0			1.5	2879
	18-20		5.2				5.2	.8	.7			1.5	2877
	21-23		4.6				4.6	1.4	.6			1.9	2876
TOTALS			5.9			.0	5.9	3.3	1.4			4.6	23020

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70
STATION STATION NAME

MAY

STATION NAME

YEARS

**PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS**

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	.1	2.8				2.8	2.6	.6			3.2	2973
	03-05		3.0				3.0	6.6	.5			7.1	2973
	06-08		3.6				3.6	6.8	2.0			8.7	2973
	09-11		2.5				2.5	.8	3.6			4.4	2973
	12-14		2.1				2.1	.5	2.0			2.5	2974
	15-17	.0	2.0				2.0	.3	.5			.8	2974
	18-20	.0	1.7				1.7	.2	.3			.4	2976
	21-23		2.1				2.1	.4	.6			.9	2968
TOTALS		.0	2.5				2.5	2.3	1.3			3.5	23784

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WEATHER CONDITIONS

23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION STATION NAME

39-40, 42-70

YEARS

JUN
MONTH

**PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS**

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUN	00-02		1.3				1.3	.3	.5			8	2787
	03-05		1.1				1.1	2.8	.7			3.5	2787
	06-08		1.5				1.5	2.3	1.7			3.9	2789
	09-11		1.1				1.1	.2	2.8			3.0	2788
	12-14		.9				.9	.2	1.1			1.3	2789
	15-17	.1	1.1				1.3	.1	.3			.4	2785
	18-20		1.1				1.1	.1	.3			.4	2786
	21-23	.0	1.0				1.0	.1	.3			.4	2789
TOTALS			.0	1.1			1.1	.8	1.0			1.7	22300

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WEATHER CONDITIONS

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

~~CARRY~~
STATION NAME

39-70

YEARS

JUL

MONTE

**PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS**

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	.1	.1				.1	.9	.2			1.1	2975
	03-05		.3				.3	6.5	.5			6.6	2972
	06-08	.1	.2				.2	7.2	1.5			8.6	2970
	09-11	.0	.2				.2	.2	2.2			2.4	2973
	12-14		.2				.2		1.1			1.1	2975
	15-17		.0				.0		.4			.4	2976
	18-20	.1	.2				.2		.3			.3	2972
	21-23	.0	.1				.1	.1	.2			.3	2974
TOTALS		.0	.2				.2	1.9	.8			2.6	23787

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70
STATION STATION NAME

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECII.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	.1	.4				.4	1.4	.5			1.8	2976
	03-05	.1	.5				.5	6.9	.7			.74	2975
	06-08	.1	.4				.4	10.8	2.1			12.5	2976
	09-11	.1	.2				.2	.6	4.3			4.8	2976
	12-14		.4				.4	.1	2.5			2.5	2976
	15-17		.5				.5	.1	.6			.7	2976
	18-20		.4				.4	.2	.2			.4	2973
	21-23		.4				.4	.1	.3			.5	2975
TOTALS			.1	.4			.4	2.5	1.4			.38	23803

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

SEP

STATION NAME

39-70

— YEARS

**PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS**

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	.1	.7				.7	1.9	1.5			3.4	2877
	03-05		1.1				1.1	9.4	1.8			11.0	2876
	06-08	.1	1.1				1.1	16.1	4.8			20.4	2876
	09-11	.1	.9				.9	2.3	9.9			12.0	2877
	12-14		.5				.5	.2	8.3			8.5	2877
	15-17	.0	.6				.6		2.7			2.7	2873
	18-20	.1	.4				.4	.1	2.4			2.5	2876
	21-23	.0	.7				.7	.2	2.0			2.2	2875
TOTALS		.1	.8				.8	3.8	4.2			9.8	23007

USAFETAC FORM ARY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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3
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70
STATION STATION NAME -

YEARS

OCT
MONTH

**PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS**

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	.1	3.6				3.6	8.9	3.6			11.9	2976
	03-05	.1	4.1				4.1	15.3	2.2			17.2	2972
	06-08		4.2				4.2	21.8	4.1			25.2	2976
	09-11		4.0				4.0	8.5	14.6			22.6	2971
	12-14		3.2				3.2	1.6	15.6			16.8	2976
	15-17	.0	3.0				3.0	1.2	7.1			8.1	2970
	18-20		3.3				3.3	1.8	3.2			6.0	2975
	21-23		3.3				3.3	3.2	4.6			7.3	2968
TOTALS		.0	3.6				3.6	7.8	7.1			14.5	23734

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION STATION NAME

39-70

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02	.1	9.3				9.3	20.5	7.9			27.0	2873
	03-05	.1	10.8				10.8	28.4	6.9			33.8	2874
	06-08		10.1				10.1	34.6	8.3			40.6	2872
	09-11	.0	9.2				9.2	22.4	18.7			38.9	2879
	12-14	.0	9.1				9.1	9.9	20.3			29.0	2879
	15-17		8.9				8.9	6.9	13.7			20.1	2879
	18-20		8.5				8.5	8.2	10.7			18.1	2877
	21-23	.0	8.3				8.3	12.6	10.0			21.0	2879
TOTALS		.0	9.3				9.3	17.9	12.1			28.6	23012

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 DEC
STATION STATION NAME YEARS MONTH

**PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS**

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02	.0	15.1				15.1	35.1	8.0			40.9	2973
	03-05	.0	15.5		.1		15.6	40.0	7.4			45.2	2975
	06-08	.1	15.2				15.2	44.4	7.4			49.8	2975
	09-11		14.1		.0		14.1	36.8	16.1			49.5	2975
	12-14	.1	13.1			.0	13.1	23.6	20.6			41.3	2973
	15-17		13.0				13.0	18.5	17.6			34.0	2972
	18-20		13.6				13.6	20.7	12.9			31.3	2969
	21-23		13.3				13.3	27.5	9.8			35.1	2971
TOTALS		.0	14.1		.0	.0	14.1	30.8	12.5			40.9	23783

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
XWEATHER XCONDITIONS
ATMOSPHERIC PHENOMENA

23211 HAMILTON AFB CALIF/SAN RAFAEL 46-70 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SHOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	1.4	43.4	.1	.1	.4	46.4	61.9	40.8			69.6	774
FEB		.9	35.7		.3	.9	40.3	51.3	31.5			55.6	705
MAR		.6	33.8			.8	39.2	25.5	12.8			30.5	775
APR		.8	22.5			.7	26.7	18.1	8.3			22.4	750
MAY		.5	14.2			.1	16.8	13.4	6.6			16.5	775
JUN		.1	9.3				10.0	6.1	3.5			5.8	748
JUL		.9	2.5				2.8	12.5	3.7			14.6	775
AUG		.6	4.4				4.5	17.1	7.0			20.2	774
SEP		.8	6.9				7.7	24.0	14.8			30.3	750
OCT		.4	17.5			.1	20.4	32.9	23.8			41.4	773
NOV		.5	19.3			.4	33.3	51.2	39.1			61.7	750
DEC		.5	37.5			.6	42.9	64.5	39.0			72.5	774
TOTALS		.7	21.4	.0	.0	.3	24.2	31.5	19.2			37.0	9123

1210 WS FORM 0-10-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JULY '64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION	DERIVED FROM DAILY OBSERVATIONS
SNOWFALL*	DERIVED FROM DAILY OBSERVATIONS
SNOW DEPTH	DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.
2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945 . Jan 46-May 57 Jun 57-present	Snow depth at 0800 LST Snow depth at 1230 GCT Snow depth at 1200 GCT
U. S. Navy and Weather Bureau Stations	From beginning of record thru Jun 52 Jul 52-May 57 Jun 57-present	Snow depth at 0030 GCT Snow depth at 1230 GCT Snow depth at 1200 GCT

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,
but has been removed from this summary.

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL

STATION NAME

39-70

YEARS

PRECIP.	AMOUNTS (INCHES)													TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)			
	NONE	TRACE	.01	.02-.03	.06-.10	.11-.25	.26-.50	.51-.100	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00		PERCENT OF DAYS WITH MEASURABLE AMTS	MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.04	0.514	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	52.7	11.0	2.2	4.4	4.2	6.5	5.3	6.8	5.9	1.2				36.3	930	6.55	15.31	.99
FEB	58.4	9.2	1.6	4.6	3.4	5.6	6.3	5.9	4.6	.3				32.3	876	4.57	13.58	TRACE
MAR	61.3	10.4	2.4	5.7	3.8	4.7	4.2	4.3	3.0					28.3	992	3.13	8.76	.17
APR	73.0	7.6	1.5	3.8	2.7	4.3	2.6	3.5	.9	.1				19.4	960	1.84	5.61	TRACE
MAY	82.2	8.2	1.5	2.6	1.8	2.3	.9	.5						9.7	992	.40	2.50	.00
JUN	90.3	7.1	.5	.6	.3	.2	.6		.2					2.6	930	.19	1.82	.00
JUL	97.1	2.6	.2	.1										.3	992	.00	.03	.00
AUG	96.2	2.2	.4	.7	.4			.1						1.6	992	.04	.67	.00
SEP	91.7	5.5	.8	.3	.9	.3	.3	.1	.1					2.8	930	.17	2.35	.00
OCT	78.3	10.1	1.1	1.7	2.3	1.9	1.1	1.7	1.7	.1				11.6	930	1.64	8.07	.00
NOV	65.3	9.5	2.1	3.1	2.9	3.6	4.2	4.9	3.1	.3				24.3	960	3.43	10.74	TRACE
DEC	56.5	10.7	1.8	4.1	3.6	6.9	5.5	6.0	4.2	1.1				32.9	992	5.58	18.86	.37
ANNUAL	75.3	7.8	1.3	2.6	2.2	3.0	2.6	2.8	2.0	.3				16.8	12476	27.54		

1210-W FORM 64-0-15-5 (OL1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
39				1.20	.11	.16	TRACE	TRACE	.00	.27	.13	.49	
40	2.53	3.13	1.62	.66	.82	TRACE	.00	.00	.03	1.14	.07	2.81	3.15
41	2.00	1.46	1.19	2.77	.33		.00	TRACE	.01	.85	1.16	1.53	
42	2.30	2.00	1.45	.96	.39	.00	.00	.00	TRACE	.50	.95	2.39	2.39
43	3.59	.47	.56	1.37	TRACE	TRACE	TRACE	.00	TRACE	.51	.61	.99	3.59
44	1.24	1.72	.80	1.41	.71	.02	.00	TRACE		.72	1.46	.82	
45	1.38	1.81	1.24	.34	.32	TRACE	.01	.00	TRACE	2.43	.92	3.02	3.02
46	.60	.37	.70	.06	.39	.00	.03	TRACE	TRACE	.06	1.98	.90	1.96
47	.82	1.56	1.03	.27	.11	.50	.00	.00	TRACE	2.33	.93	.63	2.33
48	.41	.41	1.10	1.32	.10	.02	TRACE	.00	.07	.49	.39	1.61	1.61
49	1.11	.95	1.92	TRACE	.06	.00	TRACE	.04	TRACE	.01	1.44	1.32	1.92
50	2.34	2.32	.89	.35	.12	TRACE	TRACE	.00	.00	1.07	2.62	.87	3.87
51	.62	1.41	.62	.36	.52	TRACE	TRACE	.02	TRACE	.37	1.09	2.03	2.03
52	2.11	1.10	2.33	.42	.16	.27	TRACE	TRACE	TRACE	TRACE	1.94	2.51	2.51
53	1.08	TRACE	.84	1.19	.02	.03	.00	.03	TRACE	.54	2.41	.41	2.41
54	2.70	1.49	1.27	.81	.11	.27	TRACE	.07	TRACE	.08	3.31	2.42	3.31
55	1.40	.91	.23	1.30	.03	TRACE	.00	TRACE	.41	.01	1.05	3.37	3.37
56	1.62	1.89	.11	.33	.17	.03	TRACE	.00	.12	.97	.07	.19	1.89
57	2.53	1.24	.61	.65	.70	.01	.00	TRACE	.80	1.59	.38	1.40	2.53
58	2.27	2.96	1.34	1.83	.49	.03	TRACE	TRACE	TRACE	.04	1.00	.52	2.96
59	2.74	2.18	.08	.25	TRACE	.06	TRACE	TRACE	.29	.00	TRACE	1.39	2.13
60	1.12	1.16	.50	.08	.42	TRACE	.00	.00	TRACE	.30	1.43	2.64	2.64
61	1.10	.42	1.31	.57	.03	TRACE	TRACE	.02	.20	.01	1.08	1.61	1.61
62	.86	2.17	1.77	.26	TRACE	TRACE	.00	TRACE	TRACE	3.82	.73	1.36	3.89
63	2.36	.97	2.01	.81	.29	.00	.00	.01	.08	1.16	1.43	.66	3.36
64	1.77	.14	.71	.27	.21	1.81	TRACE	.03	.00	1.42	1.58	1.55	1.81
65	2.01	.69	.72	.88	.00	TRACE	.01	.67	TRACE		1.59	1.49	
66		1.74	.14	.15	.10	.09	TRACE	.08	.07	TRACE	3.06	2.84	
67	3.94	.47	1.86	1.40	.09	1.36	.00	.00	.06	.20	.45	.77	3.94
68	3.00	1.53	1.66	.32	.10	TRACE	.06	.08	.01	.87	1.55	1.35	3.88
MEAN													
S.D.													
TOTAL OBS.													

USAF ETAC FORM 44-0-88-5 (OL)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

28211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
69	1.62	2.23	.31	.79	TRACE	.01	TRACE	.00	TRACE	1.84	.65	2.84	2.84
70	1.96	1.00	1.46	.07	.01	.37	.00	.00	.00	.74	3.54	1.37	3.54
71	1.33	0.23	2.70	0.66	0.67	T	0.00	T	0.00	0.07	3.37	5.64	5.64
72	1.41	0.12	0.77	0.14	T	0.36	0.00	T	0.56	5.52	8.69	3.02	9.19
71	0.41	0.17	1.41	0.35	0.36	T	0.00	T	0.05	0.01	1.66	1.10	1.66
72	0.51	0.71	0.18	0.61	T	0.36	0.00	T	0.68	1.80	4.11	1.03	4.11
73	3.21	1.68	1.05	0.09	0.05	0.00	0.00	T					
MEAN	1.91	1.33	1.03	.74	.24	.13	.00	.03	.14	.61	1.29	1.66	2.71
S.D.	.963	.847	.597	.607	.230	.403	.000	.118	.429	.891	.941	.956	.746
TOTAL OBS.	930	876	992	950	992	930	992	930	930	930	960	992	476

USAF ETAC FORM 1 JUL 64 0-88-5 (OU)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
39										.08			PRECIP DAYS
44										.01			PRECIP DAYS
65										29			PRECIP DAYS
66	2.57	30								TRACE			PRECIP DAYS
										30			
MEAN													
S.D.													
TOTAL OBS.													

USAF ETAC FORM 0-88-5 (OLI)
JUL 64

3
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
~~SNOWFALL~~
(FROM DAILY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN FRANCISCO 46-70 STATION NAME -YEARS

PRECIP.	AMOUNTS (INCHES)												PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)			
	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00		MEAN	GREATEST	LEAST	
SNOWFALL	NONE	TRACE	.01-0.4	.05-1.4	1.5-2.4	2.5-5.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	100.0													744	.0	.0	.0	
FEB	99.7	.3												706	TRACE	TRACE	.0	
MAR	100.0													775	.0	.0	.0	
APR	100.0													750	.0	.0	.0	
MAY	100.0													775	.0	.0	.0	
JUN	100.0													750	.0	.0	.0	
JUL	100.0													775	.0	.0	.0	
AUG	100.0													775	.0	.0	.0	
SEP	100.0													750	.0	.0	.0	
OCT	100.0													744	.0	.0	.0	
NOV	100.0													750	.0	.0	.0	
DEC	100.0													775	.0	.0	.0	
ANNUAL	100.0	.0												9069	.0	X	X	

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 46-70

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEAN	.00	TRACE	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
S.D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	744	700	775	750	775	70	775	775	750	744	750	775	706

USAF ETAC FORM 0-885 (OII)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 46-70

YEARS

24 HOUR AMOUNTS IN INCHES
(BASED ON LESS THAN FULL MONTHS)

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
39			0	0	0	0	0	0	0	0	0	0	SNOFALL DAYS
40	0	0	0	0	0	0	0	0	0	0	0	0	SNOFALL DAYS
41	0	0	0	0	0		0	0	0	0	0	0	SNOFALL DAYS
42	0	0	0	0	0	0	0	0	0	0	0	0	SNOFALL DAYS
43	0	0	0	0	0	0	0	0	0	0	0	0	SNOFALL DAYS
44	0	0	0	0	0	0	0	0	0	0	0	0	SNOFALL DAYS
45	0	0	0	0	0	0	0	0	0	0	0	0	SNOFALL DAYS
65												30.0	SNOFALL DAYS
66	30.0												SNOFALL DAYS
MEAN													
S.D.													
TOTAL OBS.													

USAF ETAC FORM 0-88-5 (OL)
JUL 64

3
DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL STATION NAME 39-70 YEARS

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-.100	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	100.0														930			
FEB	100.0														876			
MAR	100.0														992			
APR	100.0														960			
MAY	100.0														992			
JUN	100.0														930			
JUL	100.0														992			
AUG	100.0														992			
SEP	100.0														930			
OCT	100.0														930			
NOV	100.0														960			
DEC	100.0														992			
ANNUAL	100.0														11476	X	X	

1210.WE FORM JULY 64 0-15-5 (OL-1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39 7

STATION

STATION NAME

YEARS

DAILY SNOW DEP 1939-73

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JU.	JY.	S.	OCT.	NOV.	DEC.	ALL MONTHS
39			0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN													
S.D.													
TOTAL OBS.													

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

23211 HAMILTON AFM CALIF/SAN RAFAEL 39-70

STATION _____ **STATION NAME** _____

39-70

YEARS

DAILY SNOW DEPTH IN INCHES

USAF ETAC FORM 0-88-5 (OU)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

STATION

STATION NAME

YEARS

DAILY SNOW DEPTH IN INCHES
/BASED ON LESS THAN FULL MONTHS/

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
39										0			SNO DPTH DAYS
44										21			SNO DPTH DAYS
65										0			SNO DPTH DAYS
66	0	30								29	0		SNO DPTH DAYS
													SNO UPTH DAYS
MEAN													
S.D.													
TOTAL OBS.													

USAF ETAC FORM 0-88-5 (OU)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through JUNE 1968, and in tens of degrees starting in JANUARY 1969. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:

- (1) Annual - all hours combined
- (2) By month - all hours combined
- (3) By month - by standard 3-hour groups

- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 46-70

STATION

STATION NAME

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46													
47	N	42SSW	33S	33NNW	30NN	28NNE	36NNW	26WSW	29W	30S	35NNW	34SE	29
48	NE	30		SSW	47NNW	33NNW	30NNW	32NNW	23N	30WSN	25NNE	30ESE	42
49	N	40NNW	32SSW	42NW	29NNW	45SW	32W	23NW	26WNW	28NNE	36SSW	47NNW	34
50	WSW	43SW	39NNH	30SSW	28NN	24NNW	41NNW	23NW	26W	23SSE	60S	33NW	36
51	W	29SE	29N	28NNH	36NNW	36NNH	30ESE	25SSW	24			SSE	60
52													
53	SSW	38NN	50S	40NN	31W	39W	35NNE	23NH	31NN	23N	44S	17N	47
54	SSW	56SSW	49NSW	30SSW	26NNW	32NNW	37NW	21HSN	30NNW	29N	31S	39SSW	38
55	NNN	37NNE	30NNE	36SW	49NNW	34NNW	29NNW	29SSN	21NE	28NNW	30NNW	34S	53
56													
57	SH	54SW	48NNW	30NNE	34NSW	31NNW	35NH	29NNW	46SSW	41SSN	33N	47W	37
58	SSW	38SSW	77S	40SSW	40WSW	21NNW	29SSE	20ESE	16SW	22WNW	22N	32SSW	31
59	S	43SSW	46SSW	31SSW	29W	39W	34NNH	24NW	21SSW	46NE	39NW	30NNW	38
60	S	33F	54NNW	32NNH	39NW	29SSW	23NW	22NNW	25NNW	27NNW	64NNW	46S	34
61	SSW	24S	35S	31S	33NNW	31NW	24NNW	29NW	23NW	26N	34SSW	26S	36
62	SSW	31S	44SE	30W	20W	32NNW	20SE	21NNW	20	55W	47SSW	29SW	22
63	S	46SW	23NW	28S	33NNH	27NW	27NNW	26SSW	21S	19S	22S	41E	19
64	SSW	47NNW	27SSE	31NNH	34H	34W	26W	23NNW	22N	24SW	20SE	26SSE	35
65	SSW	54E	24SSW	25N	35NNH	30W	26SSW	21NNW	32N	41NNW	25S	42SSW	43
66	S	32N	29NNW	29N	27SW	29W	30W	24E	26W	27NNW	27S	34SE	42
67	SSE	43W	26SE	39NNW	29H	32SE	22S	24SE	19SSW	24S	31SSW	29H	45
68	SSW	47S	20S	33NN	31NNH	21NH	2729/	2819/	2628/	2620/	2614/	3515/	44
69	17/	5115/	3728/	2418/	3028/	3229/	2328/	1817/	1727/	172/	3121/	3019/	40
70	20/	4619/	383/	3929/	3330/	2029/	3514/	1831/	2030/	2613/	2719/	3429/	42
71	NNE	36	WW26	56W38	WWN31	WWN31	WWN26	WWN20	WWN23	WWN24	WWN36	SSW28	SSW40
72	WW20	9/44	SSW28	33	WW26	WW29	WW25	WW22	WW23	WW22	WW33	SSW32	SSW24
73	9/44	28	33	27/44-3/	29-34	35-32	30-28	31-25				SSW33	SSW33
MEAN	41.0	38.0	33.6	33.3	31.4	30.3	24.2	25.0	28.4	33.6	36.1	37.3	30.7
S.D.	6.88	12.574	4.992	5.889	4.944	5.314	3.753	6.197	7.709	11.777	7.558	7.654	8.599
TOTAL OBS.	673	590	650	685	705	635	706	711	657	705	689	740	7222

USAF ETAC FORM 44-088-5 (OU)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 46-70

YEARS

DAILY PEAK GUSTS IN KNOTS
(BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH)

MONTH YEAR	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
39			0	0	0	0	0	0	0	0	0	0	WINDS DAYS
40	0	0	0	0	0	0	0	0	0	0	0	0	WINDS DAYS
41	0	0	0	0	0		0	0	0	0	0	0	WINDS DAYS
42	0	0	0	0	0	0	0	0	0	0	0	0	WINDS DAYS
43	0	0	0	0	0	0	0	0	0	0	0	0	WINDS DAYS
44	0	0	0	0	0	0	0	0	0	0	0	0	WINDS DAYS
45	0	0	0	0	0	0	0	0	0	0	0	0	WINDS DAYS
46	SH 22	S 39											WINDS DAYS
	0 9	13	0	0	0	0	0	0	0	0	0	0	WINDS DAYS
48	SH 20	S 44											WINDS DAYS
	7	23											
51								NW 25		0	0	0	WINDS DAYS
								26					
52	0	0	NH 25			NNW 20	N 21	SE 17					WINDS DAYS
56	S 40	SSW 42		1	0	7	13	23					WINDS DAYS
	27	23											
62								NNW 23					WINDS DAYS
								26					
MEAN													
S.D.													
TOTAL OBS.													

1 USAF ETAC FORM JUL 64 0-88-5 (OLI)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

STATION NAME

YEARS

ALL

NORTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.9	1.1	.3	.3	.1	.0	.0	.0	.0	.0	.0	4.3	5.3
NNE	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	1.2	6.2
NE	.6	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	1.4	5.3
ENE	.3	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	1.0	5.8
E	1.3	1.5	1.4	.9	.1	.0	.0	.0	.0	.0	.0	4.8	6.3
ESE	.8	1.4	1.3	.4	.0	.0	.0	.0	.0	.0	.0	3.9	6.5
SE	1.5	2.2	3.7	1.3	.1	.0	.0	.0	.0	.0	.0	8.8	7.4
SSE	.4	.8	1.4	.6	.1	.0	.0	.0	.0	.0	.0	3.5	8.4
S	1.1	1.0	1.1	.6	.1	.0	.0	.0	.0	.0	.0	4.1	7.1
SSW	.7	.9	1.0	.6	.1	.0	.0	.0	.0	.0	.0	3.3	7.8
SW	1.2	1.2	1.4	.5	.1	.0	.0	.0	.0	.0	.0	4.4	6.6
WSW	.4	.6	.7	.2	.0	.0	.0	.0	.0	.0	.0	2.0	7.1
W	1.6	1.0	1.5	.7	.1	.0	.0	.0	.0	.0	.0	4.9	6.5
WNW	.6	1.0	2.0	1.2	.2	.0	.0	.0	.0	.0	.0	4.9	8.7
NW	2.1	2.3	4.0	1.8	.2	.0	.0	.0	.0	.0	.0	10.4	7.5
NNW	1.5	1.5	1.8	.8	.1	.0	.0	.0	.0	.0	.0	5.6	6.8
VARBL													
CALM												31.6	
	16.4	17.6	22.0	9.8	1.3	.3	.0	.0	.0	.0	.0	100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

278159

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 40-70 JAN
STATION STATION NAME MONTH

ALL WEATHER YEARS

ALL
HOURES (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	.8	.4	.2	.0	.0						3.1	4.8
NNE	.4	.3	.1	.1	.0	.0	.0					1.0	5.5
NE	.7	.5	.3	.1	.0	.0	.0					1.7	5.3
ENE	.4	.0	.5	.2	.0							1.7	6.4
E	1.9	2.8	3.9	1.8	.1	.0						10.5	7.4
ESE	.9	1.2	1.4	.6	.1							4.2	7.1
SE	1.8	1.9	1.8	.7	.1	.0		.0				6.4	6.4
SSE	.5	.8	1.0	.6	.2	.0	.0					3.2	6.3
S	1.4	1.3	1.6	1.2	.3	.2	.0	.0				6.1	6.5
SSW	.7	.7	1.2	1.1	.4	.2	.0	.0				4.2	10.1
SW	1.1	1.1	1.4	.8	.2	.0	.0	.0				4.6	7.6
WSW	.3	.4	.5	.3	.0	.0						1.6	7.7
W	1.3	.8	.8	.3	.1	.0						3.2	5.8
WNW	.3	.8	1.1	.6	.1	.0						3.1	7.8
NW	1.6	1.6	1.8	.7	.1	.0						5.7	6.6
NNW	1.0	1.0	.9	.3	.1	.0						3.4	6.7
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	36.4	
	16.1	16.3	18.8	9.6	1.9	.6	.1	.0				100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 23049

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL STATION NAME FEB MONTH
STATION NAME YEARS ALL HOURS (G.S.T.)

ALL WEATHER CLASS

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.3	.9	.3	.1	.0	.0	.0				4.4	6.0
NNE	.4	.3	.3	.2	.1	.2	.0					1.4	8.1
NE	.3	.3	.3	.1	.1	.0						1.3	6.5
ENE	.3	.4	.4	.1	.0							1.3	6.0
E	1.4	1.8	1.7	.8	.2	.0						5.8	6.8
ESE	.9	1.4	1.3	.5	.0							4.1	6.7
SE	1.5	2.2	2.1	.4	.1	.0						6.3	6.3
SSE	.5	1.0	1.4	.6	.2	.1						3.9	8.3
S	1.3	1.2	1.6	.8	.2	.1	.0					5.2	7.0
SSW	.6	1.1	1.3	1.0	.3	.2	.0					4.5	9.4
SW	1.1	1.2	1.4	.5	.2	.0						4.4	7.2
WSW	.3	.5	.8	.3	.1	.0	.0	.0				2.0	8.0
W	1.4	.9	1.2	.5	.1	.0	.0	.0				4.2	6.6
WNW	.6	1.0	1.7	.8	.1	.0						4.2	7.9
NW	1.9	2.4	3.5	1.4	.1	.0						9.3	7.2
NNW	1.2	1.6	1.8	.6	.2	.0	.0					5.3	6.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	32.4	
	15.6	18.7	21.6	9.0	2.0	.6	.1	.0	.0	.0		100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

21009

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

STATION NAME

YEARS

MAR

MONTH

ALL WEATHER

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.2	1.1	.4	.1	.1	.0					4.5	6.2
NNE	.4	.3	.3	.2	.1	.0						1.4	7.8
NE	.0	.3	.3	.1	.0	.0	.0					1.2	5.7
ENE	.2	.2	.2	.1	.0							.6	5.7
E	1.2	1.2	.9	.2	.0	.0						3.5	5.5
ESE	.7	1.3	.9	.1	.0	.0						3.0	5.8
SE	1.2	1.9	2.1	.5	.0	.0	.0					5.8	6.8
SSE	.4	.7	1.0	.6	.1	.0	.0					2.7	8.3
S	1.2	1.1	1.3	.7	.2	.1	.0					4.5	7.5
SSW	.7	.9	1.4	1.0	.2	.0	.0					4.2	8.6
SW	1.5	1.4	1.9	.7	.1	.0						5.6	6.7
WSW	.4	.7	.9	.3	.0							2.3	7.0
W	2.2	1.4	2.0	1.1	.1	.0						6.8	6.7
WNW	.7	1.2	2.9	2.0	.2	.0						7.1	9.0
NW	2.2	2.5	4.7	2.5	.3	.0						12.2	7.9
NNW	1.1	1.7	2.2	1.2	.2	.0						6.4	7.7
VARBL													
CALM												28.0	
	16.2	18.1	24.0	11.6	1.8	.3	.1	.0				100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

23795

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 APR
STATION STATION NAME YEARS MONTH
ALL WEATHER HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.3	.8	.4	.1	.0						4.1	5.8
NNE	.3	.4	.3	.1	.0	.0						1.1	5.8
NE	.5	.3	.2	.0	.0	.0						1.1	5.4
ENE	.2	.2	.1	.0	.0							.6	5.3
E	1.0	1.0	.4	.1	.0							2.5	4.6
ESE	.6	1.2	.8	.1	.0							2.7	5.7
SE	1.1	1.8	2.8	.5	.0							6.3	6.7
SSE	.3	.6	1.2	.5	.1	.0						2.8	8.2
S	1.1	.9	1.0	.6	.1	.0						3.7	6.9
SSW	.7	.9	1.1	.7	.1	.0						3.4	7.5
SW	1.2	1.3	1.7	.6	.1	.0	.0					5.0	6.8
WSW	.4	.6	1.1	.3	.0							2.6	7.1
W	1.6	1.4	2.3	1.2	.2	.0						6.9	7.6
WNW	.6	1.2	3.2	2.4	.4	.1						8.0	9.7
NW	2.1	2.9	3.9	2.9	.4	.0	.0					14.3	8.2
NNW	1.3	1.7	2.5	1.1	.1	.0	.0					6.9	7.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	28.3	
	14.6	18.1	25.3	11.7	1.7	.3	.0					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

23023

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

**PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)**

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

STATION

STATION NAME

39-70

784/85

HAY

MONTA

**ALL
NOUNS (L.S.T.)**

ALL WEATHER

COMPETITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	.9	1.0	.3	.1	.0						3.9	5.6
NNE	.4	.3	.3	.1	.0	.0						1.1	5.4
NE	.6	.4	.2	.0	.0							1.2	4.6
ENE	.2	.2	.1	.0								.6	3.1
E	1.0	.8	.4	.0	.0							2.2	4.4
ESE	.5	1.2	1.0	.1	.0	.0						2.8	5.9
SE	1.0	1.7	3.5	1.1	.0							7.3	7.6
SSE	.3	.5	1.1	.7	.0							2.6	8.5
S	1.1	1.0	1.2	.3	.1							3.7	6.2
SSW	.8	1.4	1.1	.5	.0							3.8	6.5
SW	1.5	1.9	2.5	.7	.1							6.7	6.7
WSW	.6	1.1	1.4	.6	.1	.0						3.5	7.8
W	1.5	1.5	2.8	1.5	.3	.0	.0					7.6	7.9
WNW	.6	1.2	3.0	2.2	.4	.1						7.3	9.6
NW	1.8	2.5	6.2	2.9	.2	.0						13.6	8.3
NNW	1.3	1.6	2.6	1.3	.1	.0						7.0	7.6
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	24.9	
	14.6	18.3	28.3	12.5	1.3	.1	.0					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

23790

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL

STATION NAME

39°40'42"70

YEARS

JUN

MONTH

ALL WEATHER

ALL

HOURS (L.D.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.0	1.0	.4	.0							4.1	5.4
NNE	.4	.3	.3	.1	.0	.0						1.2	5.1
NE	.3	.4	.3	.0	.0							1.3	5.0
ENE	.2	.3	.2	.0								.7	5.3
E	.9	.9	.5	.1								2.3	4.9
ESE	.6	1.2	1.3	.3	.0							3.3	6.6
SE	1.0	1.8	4.9	2.3	.1	.0						10.1	8.3
SSE	.4	.7	1.7	1.0	.0							3.8	8.5
S	1.1	1.0	.9	.4	.0							3.4	6.1
SSW	1.0	1.4	1.0	.4	.0							3.9	6.0
SW	1.4	1.7	1.9	.5	.0							5.5	6.4
WSW	.5	1.1	1.2	.3	.0	.0						3.2	6.7
W	1.2	1.4	2.1	1.1	.2	.0						6.0	7.7
WNW	.6	1.3	3.0	2.1	.3	.0	.0					7.2	9.3
NW	1.6	2.4	2.8	2.9	.2	.0						12.8	8.3
NNW	1.2	1.3	2.3	1.4	.1	.0						6.4	7.9
VARBL													
CALM												24.8	
	14.9	18.3	28.2	13.1	1.1	.1	.0					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

22300

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 JUL
STATION STATION NAME YEARS MONTH
ALL WEATHER HOURS (L.S.T.)
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	1.8	1.4	.2	.0							6.4	4.7
NNE	.6	.6	.3	.0								1.6	4.9
NE	.8	.6	.4	.0	.0							1.8	4.7
ENE	.3	.3	.1	.0								.7	4.4
E	1.2	1.1	.9	.2	.0							3.4	5.2
ESE	.8	1.5	1.9	.5	.0							4.7	6.9
SE	1.2	2.4	7.6	3.9	.1	.0						15.1	8.8
SSE	.4	.7	2.4	1.5	.0							5.2	9.0
S	1.1	1.0	.9	.3	.0							3.2	5.8
SSW	.7	1.0	.6	.1	.0							2.5	5.5
SW	1.2	1.0	1.0	.2		.0						3.4	5.5
WSW	.4	.4	.4	.1	.0							1.3	6.3
W	1.1	.6	.8	.2	.0							2.0	5.5
WNW	.4	.7	1.3	.6	.0							3.0	7.9
NW	2.3	2.0	4.4	2.0	.1							10.9	7.5
NNW	2.1	1.8	2.2	.9	.0							7.0	6.4
VARBL													
CALM												27.1	
	17.7	17.6	26.6	10.7	.3	.0						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

23787

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

3

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 AUG
STATION STATION NAME MONTH
YEARS
ALL WEATHER
CLASS
CONDITION
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	1.5	1.0	.2	.0							5.5	4.4
NNE	.6	.5	.3	.0								1.4	4.6
NE	.7	.6	.3	.0								1.5	4.4
ENE	.3	.3	.1	.0								.7	4.7
E	1.4	1.1	.8	.1								3.3	4.8
ESE	.8	1.5	1.9	.8	.0							5.0	7.3
SE	1.2	2.5	6.8	3.4	.1							13.9	8.6
SSE	.3	.9	2.6	2.0	.0							5.8	9.3
S	1.0	.9	.6	.2	.0							2.6	5.4
SSW	.7	1.1	.7	.3	.0							2.7	6.1
SW	1.3	1.1	1.0	.4	.0							3.8	5.8
WSW	.4	.5	.5	.1	.0							1.5	5.9
W	1.6	.8	.8	.2	.0							3.4	5.1
WNW	.3	.7	1.3	.6	.1	.0						3.1	8.5
NW	2.3	2.2	6.2	1.7	.1	.0						10.4	7.3
NNW	2.0	1.6	2.2	1.0	.0							6.8	6.6
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	28.6	
	17.4	17.7	24.9	10.9	.4	.0						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 23804

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

3

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 SEP
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS ALL HOURS (L.E.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	1.2	.8	.2	.1	.0						4.7	4.8
NNE	.5	.4	.2	.1	.0		.0					1.1	5.4
NE	.6	.4	.2	.0	.0							1.2	4.4
ENE	.3	.2	.2	.0	.0							.8	5.3
E	1.2	1.2	.9	.0								3.3	4.9
ESE	1.0	1.9	1.7	.4	.0							5.0	6.3
SE	1.6	2.7	5.8	1.1	.0							11.2	7.2
SSE	.4	.9	1.5	.7								3.5	7.8
S	.9	.6	.5	.2	.0		.0					2.2	5.4
SSW	.6	.5	.4	.1	.0	.0	.0					1.7	6.2
SW	1.2	.9	1.0	.3	.0	.0						3.4	5.9
WSW	.5	.6	.6	.2	.0							1.8	6.4
W	2.0	1.1	1.2	.3	.0							4.8	5.5
WNW	.7	1.1	2.0	1.0	.1							4.9	8.0
NW	2.7	2.3	3.9	1.3	.1							10.6	6.7
NNW	2.0	1.8	1.5	.5	.0							5.8	5.6
VARBL													
CALM												34.1	
	18.4	17.9	22.5	6.6	.4	.1	.0					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 23008

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

3

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 YEARS OCT
STATION STATION NAME MONTH
ALL WEATHER ALL
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	1.1	.6	.3	.2	.1	.0	.0				4.3	5.9
NNE	.4	.3	.1	.2	.1	.0	.0	.0				1.1	7.7
NE	.5	.3	.2	.1	.0	.0	.0	.0				1.2	6.0
ENE	.3	.2	.1	.0	.0							.6	5.1
E	1.4	1.2	.7	.1								2.4	4.7
ESE	1.1	1.5	1.3	.1								4.1	5.5
SE	2.0	3.1	3.3	.3	.0							8.7	6.0
SSE	.4	.7	1.1	.2	.0	.0						2.5	7.3
S	1.1	.8	1.0	.6	.1	.0						3.6	6.9
SSW	.7	.6	.9	.4	.1	.1	.0					2.8	7.7
SW	1.1	.9	1.2	.4	.0	.0						3.6	6.4
WSW	.3	.5	.5	.2	.0	.0						1.5	7.2
W	1.9	.9	1.5	.6	.1	.0						5.0	6.1
WNW	.7	1.0	1.8	1.0	.1	.0						4.6	8.1
NW	2.6	2.5	3.6	1.3	.1	.0						10.1	6.7
NNW	1.7	1.3	1.2	.4	.1	.0						4.8	5.9
VARBL													
CALM												38.2	
	18.1	16.8	19.2	6.4	1.0	.3	.0	.0				100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

23782

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

3

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 NOV
STATION NAME STATION NO. YEARS MONTH
ALL WEATHER ALL HOURS (L.S.T.)

CLASB

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	.8	.5	.3	.1	.1	.0	.0				3.3	5.5
NNE	.3	.2	.2	.1	.0	.0						.8	6.3
NE	.6	.2	.3	.1	.0							1.3	5.9
ENE	.4	.3	.3	.1	.0							1.2	6.2
E	1.3	1.7	1.6	.5	.4	.0						3.3	6.3
ESE	.8	1.3	1.1	.3	.0							3.5	6.0
SE	2.0	2.4	2.1	.4	.1	.0						7.0	5.9
SSE	.5	.9	1.2	.5	.2	.0	.0					3.4	7.9
S	1.3	1.4	1.6	1.0	.2	.0	.0					5.4	7.4
SSW	.6	.8	.9	.5	.1	.0						2.9	7.7
SW	1.1	1.0	1.2	.4	.0	.0						3.5	6.5
WSW	.3	.4	.5	.1	.0							1.3	6.3
W	2.1	1.0	1.2	.3	.0							4.3	5.1
WNW	.7	.8	1.5	.7	.1	.0						3.8	7.8
NW	2.5	2.1	2.4	.8	.1	.0						6.0	6.4
NNW	1.5	1.1	.8	.3	.1	.0	.0					3.8	5.9
VARI												40.8	
CALM	X	X	X	X	X	X	X	X	X	X	X		
	17.4	16.6	17.5	6.4	1.1	.2	.0	.0				100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 23025

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 DEC
STATION STATION NAME YEARS MONTH
ALL WEATHER ALL
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	.8	.5	.3	.1	.0	.0	.0	.0	.0		3.3	5.3
NNE	.4	.3	.2	.2	.1	.0		.0	.0	.0		1.2	7.2
NE	.6	.6	.5	.1	.0		.0	.0	.0	.0		1.8	6.3
ENE	.5	.9	.8	.3	.0							2.6	6.7
E	1.9	3.2	4.4	2.1	.3	.0						11.9	7.7
ESE	.9	1.6	1.5	.7	.2	.0	.0					5.0	7.5
SE	1.8	1.9	1.8	.8	.2	.0						6.5	6.6
SSE	.5	.8	1.0	.6	.1	.0	.0					3.0	8.1
S	1.2	1.3	1.4	1.0	.3	.1	.0	.0				5.4	8.2
SSW	.5	.7	.9	.6	.3	.1	.0					3.1	9.4
SW	1.0	.9	1.0	.4	.1	.0	.0					3.6	7.0
WSW	.2	.3	.4	.1	.0							1.0	7.2
W	1.5	.8	.9	.6	.1	.0	.0					3.7	5.9
WNW	.4	.7	1.1	.6	.1							2.2	7.8
NW	1.9	1.6	2.0	.8	.1	.0						6.5	6.5
NNW	1.1	.9	1.0	.3	.1	.0						3.3	6.2
VARBL													
CALM												35.2	
	16.0	17.3	19.5	9.2	2.1	.5	.1	.0	.0			100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

23787

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 40-70 JAN
STATION NAME STATION NUMBER MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	.4	.2		.0						3.5	4.6
NNE	.4	.3	.2	.0								.9	4.7
NE	1.0	.3	.2	.1								1.6	4.1
ENE	.3	.5	.2	.0								1.1	3.2
E	.0	1.7	2.9	1.0	.1							6.4	7.9
ESE	.2	.5	.7	.2	.1							1.7	7.9
SE	1.1	1.0	1.3	.3	.0	.1						3.8	6.6
SSE	.4	.6	.8	.5	.1	.1						2.4	8.7
S	1.8	1.3	1.5	.8	.2	.2						5.8	7.3
SSW	.5	.7	.7	1.2	.4	.2	.1					3.7	11.1
SW	1.3	1.3	1.2	.7	.2	.1						4.6	7.5
WSW	.2	.3	.5	.2	.0							1.2	7.4
W	1.7	.8	.4	.1	.1							3.1	4.6
WNW	.4	.9	1.1	.5	.1	.0						3.0	7.9
NW	1.9	1.9	1.9	.6	.1							6.4	6.1
NNW	1.2	1.2	.7	.2	.1							3.5	5.8
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	47.3	
	15.0	14.0	14.6	6.7	1.6	.7	.1					100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

2875

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL STATION NAME 40-70 YEARS JAN

MONTH
0300-0500
HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	1.0	.3	.2		.1						3.9	4.4
NNE	.4	.5	.1	.0								1.0	4.7
NE	.7	.7	.1	.0								1.5	4.4
ENE	.2	.7	.2	.1								1.3	5.5
E	1.2	1.5	3.4	1.1	.1							7.5	7.6
ESE	.3	.3	.7	.6	.1							2.0	8.9
SE	1.2	1.0	1.1	.9	.2							4.4	7.2
SSE	.2	.6	.6	.6	.3		.0					2.4	9.5
S	1.6	1.1	1.3	.8	.2	.1		.0				5.1	7.3
SSW	.8	.6	1.4	.9	.2	.3						4.2	9.9
SW	1.0	1.0	1.2	.8	.3	.0						4.3	7.9
WSW	.3	.6	.5	.1	.1							1.5	6.9
W	1.4	.7	.7	.3	.2							3.2	5.9
WNW	.7	.8	1.2	.4	.1	.0						3.4	7.4
NW	1.9	1.9	1.1	.7	.1	.0						5.7	6.1
NNW	2.0	1.1	.9	.2	.1	.0						4.2	5.2
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	44.5	
	16.2	14.2	14.9	7.7	1.9	.6	.0	.0				100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 2882

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF WHICH ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 40-70 JAN
STATION NAME YEARS MONTH
ALL WEATHER 0600-0800
CLASS HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	1.1	.3	.1	.0							3.9	3.8
NNE	.3	.3	.1	.1								.8	5.1
NE	.8	.6	.4	.0								1.8	4.8
ENE	.2	.4	.7	.1								1.5	6.8
E	1.4	2.2	3.3	1.8								8.7	7.5
ESE	.3	.6	1.1	.7	.0							2.7	8.6
SE	.9	1.2	1.2	1.0	.1							4.4	7.5
SSE	.4	.8	.9	1.0	.3							3.3	9.1
S	1.7	1.1	1.9	1.3	.3	.1	.0					6.4	7.9
SSW	.8	.5	1.0	.8	.2	.1	.0					3.3	9.2
SW	.9	1.4	1.1	.7	.1							4.1	7.1
WSW	.2	.6	.4	.3								1.3	7.1
W	1.3	.7	.5	.2								2.7	4.6
WNW	.4	.8	.7	.3	.0	.0						2.2	7.0
NW	1.9	1.3	1.9	.2	.1							5.4	5.8
NNW	1.4	1.0	1.0	.2	.1	.0						3.7	5.9
VARBL													
CALM												43.6	
	15.2	14.6	16.4	8.7	1.3	.3	.1					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 2883

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 40-70 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER 0900-1100
CLASS HOURS (LST.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	1.0	.7	.0	.1	.1						4.0	5.3
NNE	.8	.5	.2	.1	.0							1.6	4.6
NE	.6	.7	.5	.2	.0							2.2	5.7
ENE	.6	.7	.7	.4	.0							2.4	6.7
E	2.7	3.5	4.5	2.3	.1							13.1	7.1
ESE	1.1	1.7	1.8	.8	.0							3.5	7.0
SE	1.7	2.5	2.7	.8	.2							7.9	6.0
SSE	.7	1.0	1.3	1.1	.3	.1						4.7	8.8
S	.7	1.1	1.7	1.8	.5	.2						6.0	9.9
SSW	.5	.8	1.1	.9	.4	.1	.0					4.0	9.9
SW	.4	.9	1.2	.8	.0							3.3	8.0
WSW	.1	.4	.3	.2	.0							1.4	9.0
W	.2	.3	.3	.4								1.3	7.8
WNW	.2	.4	.6	.2	.0							1.4	7.5
NW	1.1	.9	1.7	.9	.1							4.7	7.7
NNW	1.1	1.2	1.1	.3	.1	.1						3.9	6.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	32.6	
	16.6	17.7	20.8	11.4	2.1	.7	.0					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

2881

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB (CALIF/SAN RAFAEL 40-70 JAN

STATION

STATION NAME

YEARS

NORTH

1200-1400
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	.6	.6	.4	.1							2.4	7.2
HNE	.3	.3	.2	.1	.1	.1	.0					1.1	8.4
NE	1.1	.3	.7	.2	.1	.0						2.4	6.4
ENE	.9	.8	.8	.3	.1							3.0	6.6
E	4.3	5.8	5.9	3.5	.3	.0						19.9	7.1
ESE	2.9	3.2	3.1	1.1	.0							10.3	6.2
SE	3.5	4.6	4.3	1.1	.1							13.6	6.3
SSE	.6	1.4	1.8	.7	.2							4.6	8.0
S	.4	1.2	1.8	1.3	.5	.3	.1					5.6	10.4
SSW	.3	.6	1.7	1.6	.8	.1	.0					5.0	11.4
SW	.2	.7	1.7	.9	.2	.0	.0					3.7	9.6
WSW	.1	.2	.7	.4	.1							1.5	9.9
W	.2	.5	1.4	.7	.0	.0						2.7	9.1
WNW	.1	.6	1.0	.7	.0							2.3	9.1
NW	.5	1.0	1.6	.8	.1	.0						4.1	8.3
NNW	.2	.6	.8	.4	.3	.1						2.3	9.9
VARBL													
CALM												15.4	
	16.1	22.4	27.9	14.0	3.2	.8	.2					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

2883

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 40-70 JAN
STATION NAME YEARS MONTH

ALL WEATHER 1500-1700
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.3	.4	.3								1.7	6.4
NNE	.2	.1	.2	.1	.0	.0						.7	7.8
NE	.9	.5	.2	.3								1.8	5.4
ENE	.4	.7	.6	.4	.0							2.1	7.3
E	2.7	4.1	6.0	2.5	.2							15.5	7.4
ESE	1.7	2.1	2.4	.9	.0							7.1	6.6
SE	2.9	3.1	2.6	.7	.0			.0				9.4	5.9
SSE	1.0	1.2	1.0	.3	.1	.0						3.7	6.4
S	1.5	1.6	1.9	1.1	.4	.3	.1	.0				6.9	8.9
SSW	.6	.9	1.1	1.5	.5	.1	.0					4.8	10.3
SW	1.1	1.5	2.0	1.0	.2	.0						5.8	7.7
WSW	.2	.3	.9	.5								1.9	3.6
W	.9	1.4	1.8	.4	.1							4.5	6.8
WNW	.3	.8	1.6	1.1	.1							4.0	9.2
NW	.8	1.4	1.7	.7	.1							4.6	7.2
NNW	.2	.5	1.0	.3	.1	.1						2.3	8.6
VARBL													
CALM												23.1	
	16.2	20.4	25.3	12.2	2.0	.6	.1	.1				100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 2883

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
XX 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 40-70 JAN
STATION NAME YEARS HOURS (L.S.T.)
ALL WEATHER CLASS 1800-2000

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	.6	.2	.1		.0						2.3	4.5
NNE	.5	.1	.1	.1	.1							.8	5.8
NE	.8	.2	.2	.0								1.3	4.0
ENE	.2	.4	.3	.1								1.1	6.2
E	1.2	2.0	2.6	1.1	.0							6.9	7.2
ESE	.3	.8	.9	.5	.1							2.6	8.0
SE	1.5	1.0	.9	.3	.0							3.7	5.6
SSE	.4	.6	.8	.3	.2							2.3	8.0
S	1.7	1.5	1.5	1.2	.3	.2	.1					6.5	8.3
SSW	1.0	.5	1.4	1.0	.3	.2	.0					4.4	9.4
SW	1.8	1.5	1.3	.8	.2	.0	.0	.0				5.8	7.1
WSW	.6	.7	.7	.1								2.2	5.9
W	2.4	1.3	.8	.3								4.8	4.7
WNW	1.1	1.3	1.7	.9								5.1	7.1
NW	2.4	2.2	2.6	.7	.1							7.9	6.1
NNW	1.0	.9	.7	.5	.1							3.2	6.6
VARBL													
CALM												39.1	
	18.2	15.6	16.0	8.2	1.4	.5	.1	.0				100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

2881

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 40-70 JAN
STATION STATION NAME YEARS NORTH
ALL WEATHER 2100-2300
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.9	.8	.2	.1								3.0	3.8
NNE	.5	.1	.1	.0								.8	3.7
NE	.3	.3	.3									1.0	5.4
ENE	.2	.5	.3	.0								1.0	5.5
E	.9	1.3	2.5	.9	.1							2.7	7.8
ESE	.1	.4	.8	.3	.1							1.8	8.9
SE	1.5	.9	.6	.3	.1							3.5	5.5
SSE	.3	.5	.8	.6	.2							2.4	9.1
S	1.9	1.1	1.3	1.6	.3	.1	.0					6.2	8.2
SSW	.8	.9	1.0	.8	.3	.1	.1					4.1	9.4
SW	2.0	1.0	1.2	.6	.3	.0						5.2	6.8
WSW	.7	.3	.3	.4	.1	.0						1.9	7.2
W	2.0	.8	.6	.1	.0							3.7	4.5
WNW	.7	.9	1.3	.5	.1							3.4	7.1
NW	2.0	1.9	1.7	1.0	.0							6.6	6.5
NNW	1.2	1.3	.8	.5	.2							4.0	6.4
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	45.8	
	17.1	13.1	13.9	7.7	1.9	.3	.1					100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 2881

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 40-70 FEB
STATION STATION NAME YEARS MONTH
ALL WEATHER 0000-0200
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.4	.8	.3	.2	.1						5.0	5.7
NNE	.3	.4	.3	.2	.0							1.2	6.4
NE	.2	.3	.2	.1		.0						.7	6.8
ENE	.2	.4	.1									.6	5.1
E	.8	.8	1.2	.5	.2							3.5	7.3
ESE	.4	.4	.5	.3								1.6	7.1
SE	.7	.6	.8	.3								2.4	6.5
SSE	.3	.5	1.3	.9	.5	.1						3.5	10.8
S	1.4	.8	1.0	.9	.2	.0	.0					4.3	7.8
SSW	.6	1.0	.9	.7	.2	.3						3.7	9.1
SW	1.4	1.1	1.0	.3	.0	.0						3.9	6.0
WSW	.2	.5	.6	.0	.1							1.3	7.1
W	1.9	.8	.4	.3	.1							3.4	4.7
WNW	1.0	1.0	1.2	.3	.2							3.7	6.7
NW	2.9	3.0	3.9	1.0	.1	.1						11.0	6.4
NNW	1.6	1.8	1.8	.5	.2							5.8	6.2
VARBL													
CALM												44.2	
	16.2	14.5	15.9	6.5	1.8	.7	.0					100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 2627

USAFETAC FORM 08-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 40-70 FEB
STATION STATION NAME YEARS MONTH

0300-0500
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	1.5	1.0	.2	.1							5.3	4.5
NNE	.4	.2	.3	.2								1.1	6.0
NE	.5	.4	.3		.0							1.2	5.1
ENE	.2	.3	.3									.8	5.6
E	.6	1.0	.8	.8	.2							3.3	7.9
ESE	.2	.3	.6	.3								1.4	8.2
SE	.8	1.0	1.0	.4	.0							3.3	6.6
SSE	.3	.6	.8	.6	.2							2.6	8.6
S	1.4	1.1	1.4	.8	.2							4.9	7.1
SSW	.7	1.0	1.4	.7	.2	.2						4.2	8.9
SW	1.5	.9	1.1	.1	.2	.1						3.9	6.3
WSW	.5	.3	.3	.1								1.1	5.3
W	1.8	.6	.7	.1		.1						3.3	4.8
WNW	.7	1.1	1.4	.4	.0							3.7	6.9
NW	2.8	2.6	2.8	1.1	.2							9.4	6.3
NNW	1.8	1.6	1.5	.2		.1	.0					5.2	5.8
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	45.3	
	16.6	14.4	15.0	5.9	1.4	.5	.0					100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 2628

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

3

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211

HAMILTON AFB CALIF/SAN RAFAEL

40-70

YEARS

FEB

NORTH

STATION

STATION NAME

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.5	.8	.2			.0					4.8	4.9
NNE	.6	.4	.3	.2	.0							1.6	5.9
NE	.6	.4	.2	.2	.0							1.4	5.4
ENE	.3	.2	.3	.1								1.0	6.0
E	.6	1.3	1.7	1.0	.0	.0						4.7	7.9
ESE	.4	.3	.9	.3	.1							1.9	6.1
SE	.6	.8	.8	.3	.1							2.5	6.7
SSE	.3	.8	1.3	.9	.2							3.6	9.1
S	1.4	1.2	1.4	.8	.1	.1						5.0	7.2
SSW	.6	1.0	1.2	.6	.3	.0						3.6	8.3
SW	1.2	1.0	1.1	.3	.2	.1						3.9	6.8
WSW	.4	.5	.2	.2								1.4	6.1
W	1.8	.3	.5	.1		.1	.0					3.4	4.8
WNW	.5	.8	1.0	.2	.1							2.5	6.9
NW	2.7	2.2	2.5	.8	.0							8.3	6.0
NNW	1.9	1.8	1.6	.3	.1	.0	.0					5.7	5.8
VARBL													
CALM												44.7	
	16.2	15.0	15.9	6.4	1.2	.3	.1					100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

2628

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
AUG 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23211 HAMILTON AFB CALIF/SAN RAFAEL

STATION NAME

40-70

YEARS

FEB

MONTH

ALL WEATHER

CLASS

0900-1100

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.0	1.0	.3	.1	.2	.0					6.1	5.7
NNE	.6	.4	.3	.4	.4	.0	.1					2.3	9.7
NE	1.2	.8	.3	.1	.2	.1						2.6	5.8
ENE	.8	.9	.6	.1								2.4	5.4
E	3.2	3.5	2.7	1.0	.3	.0						10.7	6.1
ESE	1.5	1.6	1.8	.9	.1							5.8	6.7
SE	1.8	2.7	2.6	.5	.0	.0						7.7	6.1
SSE	.6	1.5	1.9	.6	.3							4.9	8.0
S	.7	1.0	1.5	1.1	.3	.0						4.6	8.5
SSW	.5	.8	1.3	1.0	.5	.2						4.3	10.0
SW	.3	.5	1.3	.8	.2		.1					3.2	9.6
WSW	.0	.3	.6	.3	.0		.0					1.4	9.8
W	.5	.7	.6	.1	.0		.1					2.1	6.9
WNW	.3	.3	.8	.6	.0							2.2	8.7
NW	.9	1.6	2.6	1.7	.0	.0						7.0	8.2
NNW	.9	1.4	2.0	.9	.2		.1					5.5	8.0
VARBL													
CALM												27.5	
	16.3	20.3	22.0	10.4	2.7	.6	.4					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

2626

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23211 HAMILTON AFB CALIF/SAN RAFAEL STATION NAME

40-70

YEARS

FEB

MOUTH

ALL WEATHER
CLASB

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.3	.6	.6	.2	.0	.0	.0				2.6	8.9
NNE	.3	.4	.3	.4	.4	.2	.0					2.0	11.7
NE	.6	.4	.6	.3	.2							1.8	7.5
ENE	.3	.8	.6	.3	.2							2.2	7.6
E	3.0	3.8	3.3	1.1	.1	.0						11.4	6.3
ESE	2.2	5.1	3.5	1.6	.0							12.4	6.5
SE	2.8	6.7	6.1	1.0	.1	.1						16.8	6.4
SSE	1.0	2.1	2.4	.6		.0						6.2	7.0
S	.5	1.3	2.4	.8	.2	.2						5.4	8.8
SSW	.2	.5	1.8	1.8	.5	.2	.0		.0			5.0	11.8
SW	.4	.7	2.2	1.1	.2							4.6	9.2
WSW	.1	.3	1.0	.5	.1	.0						2.1	9.9
W	.4	.5	2.1	1.3	.3	.0						4.4	9.5
WNW	.0	.3	1.5	.9	.2	.0						2.9	10.5
NW	.5	.6	3.1	1.4	.1							5.8	9.0
NNW	.2	1.1	1.7	.7	.1		.0					3.8	8.3
VARBL													
CALM												10.5	
	13.2	23.1	33.2	14.4	2.6	.8	.2	.0	.0			100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

2626

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

**PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)**

23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION STATION NAME

40-70

158

STATION NAME

— 1 —

ALL WEATHER

1500-1700

500-3

CONTINUATION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.7	.6	.6	.3	.1						3.0	9.2
NNE	.1	.3	.3	.3	.2							1.2	10.0
NE	.3	.2	.5	.3	.0							1.4	8.2
ENE	.3	.5	.7	.2								1.6	6.5
E	1.7	2.3	2.1	.9	.2							7.2	6.8
ESE	1.7	2.7	2.0	.6								7.0	6.2
SE	2.9	4.3	3.6	.5	.1	.1						11.5	6.0
SSE	.9	1.6	2.1	.4	.1	.1						5.2	7.4
S	1.4	1.7	2.1	.6	.2	.0						6.0	7.0
SSW	.3	1.1	1.9	1.6	.3	.2						5.6	10.7
SW	1.0	1.6	2.2	.6	.1							5.6	7.3
WSW	.2	.6	1.8	.6	.2							3.4	9.5
W	.6	1.1	3.4	1.3	.1	.0						6.5	8.6
WNW	.4	1.0	3.4	2.1	.2							7.0	9.3
NW	1.0	1.8	4.7	1.9	.2	.0						9.5	8.4
NNW	.3	1.2	1.8	.8	.0							4.2	8.0
VARBL													
CALM													13.9
	13.6	22.8	33.3	13.3	2.5	.6						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

2625

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 40-70 FEB MONTH

STATION STATION NAME YEARS HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.6	1.1	.2	.1							4.5	5.4
NNE	.3	.2	.2	.0								.8	4.9
NE	.3	.2	.2	.1	.1							.8	7.0
ENE	.2	.3	.2									.7	4.7
E	1.1	.9	.7	.5	.1							3.3	6.3
ESE	.1	.6	.8	.2								1.6	7.3
SE	1.0	.7	1.0	.3	.1	.0						3.2	6.6
SSE	.5	.5	.5	.5	.2	.1						2.7	9.0
S	1.9	1.5	1.5	1.1	.2	.1						6.3	7.1
SSW	1.0	1.7	1.3	.6	.3	.1						5.0	7.5
SW	1.4	1.9	1.6	.5	.1	.1						5.2	6.5
WSW	.7	.9	1.2	.2	.1	.0						3.1	7.2
W	2.4	2.1	1.4	.4	.2		.0	.0				6.5	5.9
WNW	1.2	1.9	2.6	1.1	.1	.1						7.0	7.5
NW	2.2	3.9	4.3	1.5	.2	.0						12.0	7.1
NNW	1.1	2.2	1.9	1.0	.0							6.2	6.9
VARSL													
CALM	X	X	X	X	X	X	X	X	X	X	X	31.0	
	16.9	21.2	20.3	8.2	3.6	.5	.0	.1				100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 2024

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

3

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL STATION NAME 40-70 YEARS FEB MONTH
STATION NUMBER 2100-2300 HOURS (L.S.T.)
ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3	.9	.4	.1	.0						4.0	6.2
NNE	.4	.3	.0									.7	3.6
NE	.3	.0	.1	.0	.1							.5	7.6
ENE	.3	.1	.2									.6	4.9
E	.6	.6	1.0	.3	.1	.0						2.6	7.2
ESE	.4	.3	.4	.2								1.2	6.3
SE	.9	1.0	.7	.3	.2	.0						3.2	6.9
SSE	.5	.7	.9	.4	.1	.1						2.7	8.4
S	1.4	1.0	1.4	.7	.4	.0						4.9	7.5
SSW	.9	1.4	.9	.8	.1	.2						4.4	8.0
SW	1.0	1.6	1.2	.5	.2	.0						5.1	6.2
WSW	.5	.6	.6	.2	.1	.0						2.0	6.6
W	1.9	.9	.9	.2	.2	.0						4.0	5.4
WNW	.9	1.5	1.7	.5	.0							4.5	6.8
NW	2.6	3.4	3.7	1.6	.2							11.5	7.0
NNW	1.5	1.8	1.7	.8	.1							5.7	6.7
VARBL													
CALM												42.0	
	16.1	16.5	16.2	6.8	1.9	.5	.0					100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

2625

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL

STATION NAME

39-70

YEARS

MAR

NORTH

ALL WEATHER

CLASS

0000-0200

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	1.1	1.0	.2	.1							4.5	5.1
NNE	.1	.2	.2	.2	.1							.3	8.7
NE	.2	.0	.1									.4	4.4
ENE	.1	.2										.3	3.9
E	.3	.4	.2									.9	4.8
ESE	.1	.1	.3	.0								.5	7.0
SE	.6	.6	.4	.2	.1	.0						1.9	6.4
SSE	.3	.2	.6	.3	.1	.0						1.3	8.5
S	1.3	.7	1.3	.8	.2	.1						4.3	7.9
SSW	.9	1.3	1.0	.7	.2							4.1	7.2
SW	1.9	1.2	.8	.3	.2							4.4	5.7
WSW	.5	.7	.6	.1								2.0	5.6
W	3.9	1.6	.8	.6								6.7	4.1
WNW	1.3	1.5	1.9	1.0	.1							5.8	7.2
NW	3.6	2.6	3.8	2.2	.1	.0						12.3	6.9
NNW	1.5	2.0	1.7	.5	.1							5.8	6.3
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	43.8	
	18.7	14.3	14.9	6.8	1.2	.2						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

2970

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

3

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 YEARS MAR
STATION NAME MONTH
ALL WEATHER CLASS 0300-0300
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	.8	.6	.5	.1							4.3	5.5
NNE	.4	.4	.2	.1	.0							1.1	6.1
NE	.2	.2	.3									.6	5.7
ENE	.1	.2	.1	.0								.5	5.3
E	.4	.1	.5	.0	.1							1.1	6.7
ESE	.2	.1	.1									.4	5.3
SE	.3	.5	.7	.1		.0	.1	.0				1.7	8.4
SSE	.2	.3	.4	.6	.1	.0	.1					1.7	10.3
S	1.2	1.2	.9	.7	.3	.0						4.3	7.1
SSW	1.0	.8	.8	.6	.1	.0	.0					3.4	7.4
SW	1.9	1.2	1.4	.3	.0							4.9	5.7
WSW	.6	.7	.4	.0								1.7	5.0
W	3.8	1.6	.7	.2	.0							6.4	3.9
WNW	.9	1.4	1.7	1.0	.1							5.1	7.5
NW	3.1	2.8	2.9	1.7	.1	.0						10.7	6.5
NNW	2.2	2.3	1.5	.6	.1							6.6	5.7
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	45.4	
	18.8	14.6	13.2	6.7	1.0	.2	.2	.0				100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

2975

USAFETAC FORM 08-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL

STATION NAME

39-70

YEARS

MAR

NORTH

ALL WEATHER

CLASS

0600-0800

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	1.4	1.3	.4	.1							6.5	4.8
NNE	.4	.3	.3	.1	.1	.0						1.3	7.2
NE	.8	.2	.2	.0								1.3	3.9
ENE	.0	.1		.0								.2	6.4
E	.6	.3	.5	.3	.0							1.8	6.6
ESE	.1	.2	.4	.1								.8	7.2
SE	.6	.6	.7	.4	.1	.1	.1	.0				2.6	8.8
SSE	.2	.6	.4	.5	.1		.0					1.8	9.4
S	1.5	1.3	1.4	.7	.1							5.1	6.5
SSW	.9	1.0	1.2	.3	.1							3.5	6.5
SW	1.5	1.7	1.5	.3								5.1	5.6
WSW	.4	.4	.4	.0								1.3	5.3
W	2.5	.9	.8	.2								4.3	4.3
WNW	.6	.9	1.5	.4	.1	.0						3.6	7.6
NW	3.0	2.5	3.0	1.4	.2							10.2	6.6
NNW	2.1	2.1	1.5	.9	.0							6.7	6.2
VARBL													
CALM												43.9	
	18.8	14.7	15.1	6.2	.9	.2	.1	.0				100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

2975

USAFETAC FORM 08-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211

HAMILTON AFB CA, IF/SAN RAFAEL

STATION NAME

39-70

YEARS

MAR
MONTH

0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	1.4	1.4	.6	.3	.0						5.8	6.5
NNE	.6	.6	.4	.2	.2	.1						2.1	7.8
NE	1.7	.6	.3	.2	.0							2.8	4.5
ENE	.7	.6	.4	.1	.0							1.9	5.0
E	3.2	2.7	1.5	.4	.0	.0						7.9	5.1
ESE	1.5	2.0	1.6	.4	.1	.0						6.5	5.9
SE	2.8	3.1	3.6	1.0	.1	.1						10.7	6.5
SSE	1.0	1.1	1.3	1.0	.1							4.5	7.7
S	1.0	.9	1.5	.6	.1	.1						4.3	7.7
SSW	.4	.4	1.3	1.4	.3	.0	.0					3.9	10.4
SW	.7	1.0	2.1	.6								4.4	7.5
WSW	.2	.4	.8	.3	.1							1.7	8.1
W	.5	.6	2.1	.4		.0						3.6	7.8
WNW	.2	.9	1.7	1.2	.2							4.3	9.4
NW	.7	1.4	4.1	2.1	.4							8.7	9.1
NNW	.4	1.4	3.0	1.7	.3	.0						6.9	9.2
VARBL													
CALM												20.0	
	17.6	20.0	27.1	12.3	2.4	.5	.0					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 2975

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70
STATION STATION NAME YEARS
ALL WEATHER CLASS
CONDITION

HAR
MONTH
1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.5	.8	.6	.2	.3	.0					2.6	11.3
NNE	.2	.2	.2	.5	.2	.0						1.3	11.4
NE	.4	.2	.5	.2	.2		.0					1.4	8.7
ENE	.3	.4	.3	.0								1.0	6.0
E	2.9	3.8	2.9	.5	.1							10.1	5.7
ESE	1.6	4.8	3.2	.5								10.2	6.0
SE	1.9	5.4	8.1	1.0		.0	.0	.0				16.5	7.0
SSE	.4	1.4	3.0	1.2	.1	.0						6.2	8.5
S	.4	1.1	1.5	.8	.4	.0	.0					4.3	9.1
SSW	.1	.4	1.6	2.1	.4	.1						4.8	11.4
SW	.4	.7	2.2	1.6	.2	.1						5.3	9.8
WSW	.0	.5	1.3	.6	.1							2.5	9.4
W	.2	1.1	3.3	2.6	.4	.1						7.6	10.1
WNW	.4	.6	2.8	2.8	.3							6.9	10.4
NW	.4	1.2	4.4	2.6	.4							9.0	9.6
NNW	.1	.7	2.5	1.7	.2	.0						5.2	10.0
VARBL													
CALM												4.9	
	9.8	23.2	38.5	19.5	3.2	.8	.1	.0				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 2975

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 MAR
STATION STATION NAME MONTH
ALL WEATHER 1500-1700
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.7	1.4	.5	.1	.1						3.3	8.2
NNE	.1	.2	.4	.6	.1	.0						1.4	11.3
NE	.3	.3	.6	.2	.1	.0						1.5	7.8
ENE	.1	.1	.2	.2								.5	8.4
E	1.4	1.7	1.0	.3	.0							4.5	5.7
ESE	1.1	2.4	1.2									4.7	5.2
SE	1.9	3.4	2.8	.4		.0						8.6	6.1
SSE	.3	1.3	1.3	.3	.2							3.4	7.2
S	.8	.9	1.4	.7	.4	.0						4.3	8.6
SSW	.3	.8	1.9	1.7	.4	.1						5.3	10.0
SW	.6	1.6	3.7	1.4	.2							7.5	8.4
WSW	.2	.8	1.8	.8	.1							3.7	8.7
W	.5	1.3	4.0	3.7	.2	.1						9.7	10.1
WNW	.1	.6	5.3	5.5	.5	.0						12.2	11.0
NW	1.0	2.1	9.0	4.7	.4							17.3	9.3
NNW	.2	.7	3.2	2.3	.3							6.6	10.0
VARBL													
CALM												5.5	
	9.7	18.9	39.3	23.4	2.9	.4						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

2976

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 14 MAR
STATION STATION NAME YEARS MONTH
ALL WEATHER 1800-2000
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.0	1.3	.3	.1							5.1	5.7
NNE	.5	.4	.2	.1	.0	.1						1.3	6.1
NE	.2	.3	.1			.0	.0					.6	7.2
ENE	.1	.1	.2	.0								.4	6.6
E	.4	.3	.2	.1								1.0	5.1
ESE	.3	.3	.2									.8	4.3
SE	.9	1.0	.4	.2	.1	.0						2.7	5.8
SSE	.2	.4	.4	.3	.0	.0						1.4	8.1
S	1.4	.9	1.1	.5	.2	.1						4.2	7.0
SSW	.6	1.3	1.8	.8	.2							4.7	7.9
SW	2.7	2.0	2.0	.5	.1							7.4	5.7
WSW	.5	1.4	1.4	.1								3.4	6.2
W	3.2	2.0	3.0	.8	.1							9.0	6.1
WNW	.9	2.3	5.5	2.8	.2							11.7	8.3
NW	2.5	4.5	6.5	3.0	.3	.0						16.8	7.6
NNW	1.2	2.9	2.7	1.1	.2	.0						8.1	7.3
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	21.5	
	17.1	22.0	27.0	10.5	1.5	.3	.0					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

2976

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39°47' 100-2300
STATION NAME YEARS HOURS (L.S.T.)

ALL WEATHER

CLASS

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.4	.8	.3	.1							4.1	5.5
NNE	.7	.4	.2	.0								1.3	4.2
NE	.7	.2	.0									.9	2.9
ENE	.0											.2	4.2
E	.5	.3	.2									1.0	4.2
ESE	.3	.0										.3	2.7
SE	.8	.4	.5	.3								2.0	6.4
SSE	.2	.3	.4	.3	.0							1.2	8.0
S	1.9	1.4	1.0	.4	.2	.1						5.1	6.3
SSW	1.0	1.0	1.3	.5	.2							4.1	7.2
SW	2.5	1.7	1.0	.4	.0	.0						5.8	5.1
WSW	.6	.9	.7	.1								2.4	5.6
W	3.2	2.0	1.6	.4	.1							7.2	5.0
WNW	1.3	1.5	2.9	1.2	.1							7.0	7.7
NW	2.9	3.1	4.0	2.3	.3	.0						12.6	7.4
NNW	1.2	1.9	1.9	.6	.1							5.7	6.8
VARBL													
CALM												39.0	
	19.3	16.7	16.5	7.1	1.2	.1						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

2973

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

STATION NAME

YEARS

APR

MONT

0000-0200

HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.0	.2	.4	.1							3.3	5.2
NNE	.3	.2	.1	.1								.7	4.6
NE	.2	.3	.2	.0								.7	5.2
ENE	.1	.2										.3	4.0
E	.6	.2										.7	2.6
ESE	.1	.0		.1								.2	7.9
SE	.6	.1	.2									1.0	4.0
SSE	.3	.3	.2	.3	.1							1.2	8.6
S	1.4	.8	1.1	.4								3.6	6.0
SSW	1.2	1.1	.5	.5								3.2	5.6
SW	2.3	1.8	.8	.1								3.0	4.4
WSW	.7	1.0	.5	.1								2.4	5.9
W	2.9	1.4	1.8	.3	.1							6.5	5.1
WNW	.8	1.3	2.2	1.0	.1							5.4	7.8
NW	3.0	2.8	3.5	1.9	.2							11.4	6.9
NNW	2.0	1.8	1.1	.3	.0							5.4	5.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	48.9	
	17.9	14.5	12.4	3.6	.7							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS

2878

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 APR
STATION STATION NAME YEARS NORTH
ALL WEATHER 0300-0500
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.0	.6	.3	.0							3.5	5.0
NNE	.3	.3	.1									.7	4.2
NE	.3	.1	.1									.5	3.5
ENE	.1			.1								.1	7.3
E	.2	.0	.1	.0								.3	5.1
ESE	.0	.0	.1	.0								.2	3.0
SE	.4	.3	.2	.1	.1							1.1	6.3
SSE	.2	.5	.4	.3	.1							1.5	8.6
S	1.2	.7	.8	.5	.0							3.2	6.3
SSW	.9	1.0	.8	.3								2.9	5.7
SW	1.7	1.1	.3	.1								3.3	4.0
WSW	.8	1.0	.3	.0								2.1	4.5
W	3.3	1.3	.9	.2	.0	.0						5.8	4.2
WNW	.9	1.3	1.6	.6								4.4	6.8
NW	3.9	2.8	3.5	1.6	.3							12.2	6.4
NNW	2.6	2.0	1.3	.3								6.2	4.8
VARBL												51.9	
CALM												100.0	2.7
	18.4	13.5	11.0	4.6	.6	.0							

TOTAL NUMBER OF OBSERVATIONS

2879

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 APR
STATION STATION NAME YEARS MONTH
ALL WEATHER 0600-0800
CLASS HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	1.5	.6	.3	.1	.1						6.0	4.7
NNE	.6	.2	.1	.0		.0						.9	4.6
NE	.8	.4	.2									1.4	3.6
ENE	.2	.2	.0	.0	.0							.3	3.8
E	1.3	.3	.2	.0	.0							1.9	3.8
ESE	.3	.1	.2									.7	3.4
SE	.8	.7	.5	.5	.1							2.4	6.9
SSE	.2	.6	.6	.3	.1							1.8	8.0
S	1.5	1.0	.9	.5	.2							4.1	6.3
SSW	.9	.9	.8	.3								2.8	6.0
SW	1.1	1.1	.8	.3	.0							3.4	5.8
WSW	.6	.3	.5	.1								1.6	5.2
W	1.5	1.1	.8	.2	.0	.0						3.7	5.0
WNW	.9	.7	1.6	1.1	.1	.1						4.4	6.4
NW	2.5	2.3	4.2	1.6	.1							10.7	7.2
NNW	2.7	2.7	1.7	.6	.0							7.8	3.4
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	46.0	
	19.2	14.3	13.6	5.8	.8	.2						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 2875

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 APR
STATION NUMBER STATION NAME YEARS MONTH
ALL WEATHER 0900-1100
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.5	1.4	.4	.1							4.5	6.5
NNE	.3	.6	.2	.2								1.4	5.9
NE	1.2	.3	.3	.0		.1						1.9	4.6
ENE	.6	.6	.2									1.3	4.2
E	2.5	3.4	.9	.2	.0							7.0	4.6
ESE	1.3	4.0	2.3	.1	.0							8.2	5.4
SE	2.6	4.8	5.3	.7	.1							13.4	6.3
SSE	.4	1.3	2.6	1.0	.1	.0						5.3	8.2
S	.7	1.1	1.4	.7	.2	.1						4.3	8.6
SSW	.2	1.0	1.3	.9	.1							3.4	8.0
SW	.5	.9	1.6	.5	.1							2.6	7.8
WSW	.3	.6	1.0	.2								2.1	7.1
W	.5	1.4	2.1	1.1	.1	.1						5.2	3.3
WNW	.2	.9	2.8	1.0	.2	.0						5.2	9.1
NW	1.0	2.4	5.3	2.4	.5		.0					11.7	8.7
NNW	.5	1.4	2.7	.9	.2	.1	.0					5.8	8.7
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	13.3	
	14.4	26.2	31.2	10.4	1.8	.4	.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 2880

USAFETAC FORM 08-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
MAC/USAF
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 30-70

STATION NAME

YEARS

APR

MONTH

ALL WEATHER

CLASS

1200-1400

ML VS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.6	.7	.5	.2							2.2	8.7
NNE	.1	.2	.5	.2	.0							1.0	8.3
NE	.2	.1	.1	.1	.2							.8	8.8
ENE	.2	.3	.1									.6	4.7
E	.9	2.3	1.1	.2								4.5	5.5
ESE	1.0	3.6	2.6	.4								7.6	6.2
SE	1.6	5.3	12.3	1.8	.1							21.0	7.6
SSE	.4	1.2	4.1	1.7	.8							7.5	8.8
S	.3	.7	1.6	1.0	.2	.0						3.9	9.0
SSW	.1	.5	1.8	1.3	.1							3.7	10.0
SW	.2	.7	2.9	1.6	.2	.1	.0					5.7	10.2
WSW	.0	.5	1.9	.9								3.3	9.3
W	.1	.8	3.7	2.7	.6	.0						8.0	10.8
WNW	.3	.8	2.6	4.2	.8	.1						9.9	11.2
NW	.5	1.6	5.7	3.2	.4	.1						11.5	9.7
NNW	.2	.5	2.4	1.8	.1	.0	.1					5.1	10.6
VARBL													
CALM												3.6	
	.6	19.7	45.2	21.6	3.0	.5	.1					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS

2879

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 APR
STATION STATION NAME YEARS MONTH
ALL WEATHER 1500-1700
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.2	1.3	.6	.0							3.5	7.7
NNE	.2	.2	.6	.2	.0							1.3	8.3
NE	.2	.3	.3	.1	.1	.0						1.0	8.3
ENE	.1	.2	.3	.2								.6	7.7
E	.8	1.0	.6	.0								2.4	4.8
ESE	.7	1.4	.7	.1								2.8	5.5
SE	.9	2.3	3.2	.3								6.7	6.6
SSE	.2	.8	1.1	.5	.1							2.8	7.9
S	.5	.5	.8	.7	.1	.1						2.6	8.6
SSW	.1	.3	1.7	1.3	.1	.0						3.4	10.1
SW	.2	1.2	3.7	1.7	.1	.0						6.9	9.2
WSW	.1	.5	2.5	1.1		.1						4.2	9.3
W	.3	1.1	3.9	3.6	.7	.1						9.7	10.6
WNW	.1	1.0	3.5	3.6	1.4	.2						14.0	11.5
NW	.7	2.8	12.6	7.0	1.0	.1						24.1	10.0
NNW	.3	.9	5.5	3.0	.2		.1					10.1	10.0
VARBL													
CALM												3.5	
	5.8	15.7	44.5	26.9	3.8	.7	.1					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 2878

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

YEARS

APR

NORTH

STATION

STATION NAME

1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	2.0	1.2	.4	.0							5.0	5.9
NNE	.3	.7	.5	.1								1.6	5.6
NE	.5	.7	.3	.0	.1							1.6	5.7
ENE	.2	.3	.2		.0							.7	5.7
E	.9	.8	.2	.1								2.0	4.4
ESE	.3	.3	.1									.9	3.7
SE	1.3	.7	.4	.2								2.0	4.9
SSE	.5	.3	.2									1.0	4.1
S	1.3	1.1	.5	.4	.1							3.4	5.7
SSW	.7	1.1	1.1	.8	.1							3.8	7.6
SW	1.4	1.6	2.4	.5	.0							6.0	6.4
WSW	.3	1.1	1.5	.3								3.2	7.0
W	1.9	2.5	2.9	1.1	.2	.1						8.8	7.2
WNW	.8	2.3	3.1	4.2	.7	.1						13.3	9.6
NW	2.5	5.4	8.2	3.3	.5	.1						19.9	7.9
NNW	.7	2.6	4.3	1.4	.1							9.0	7.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	17.1	
	15.2	23.7	29.2	12.7	1.8	.2						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

2877

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 APR
STATION STATION NAME YEARS NORTH
ALL WEATHER 2100-2300
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.1	1.4	.4	.3	.1							4.3	4.8
NNE	.6	.5	.1									1.1	3.6
NE	.4	.5	.1									1.0	4.2
ENE	.2	.1	.0									.3	4.0
E	.8	.4	.0	.0								1.3	3.4
ESE	.3	.3	.1	.0	.0							.8	4.9
SE	1.0	.4	.1	.1	.0							1.6	4.7
SSE	.2	.2	.3	.2	.1							.9	8.6
S	1.7	1.3	.7	.4								4.1	5.3
SSW	1.3	1.4	.8	.3	.1							3.9	5.8
SW	2.5	1.8	1.4	.2								3.8	6.7
WSW	.3	1.2	.6	.0								2.2	5.8
W	2.5	1.7	2.2	.7	.1							7.2	6.0
WNW	.9	1.5	3.1	1.5	.2							7.1	8.4
NW	2.7	3.2	4.0	2.3	.3	.1						12.6	7.5
NNW	1.7	2.0	1.2	.7								5.6	6.0
VARBL													
CALM												40.2	
	19.2	17.6	15.2	6.7	1.0	.1						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 2877

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

STATION NAME

YEAR

MAY

MONTH

ALL WEATHER

CLASS

0000-0200

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	.6	.3	.1	.0							3.5	3.8
NNE	.5	.2	.2	.0	.0							1.0	4.6
NE	.2	.1	.1									.5	4.4
ENE	.1	.1	.0									.3	3.6
E	.6	.0	.1									.7	3.0
ESE	.2	.3	.0									.5	4.1
SE	.9	.1	.1	.0								1.1	3.2
SSE	.1	.1	.0									.3	4.2
S	2.0	1.1	.5	.2	.0							3.8	4.4
SSW	1.3	1.8	.5	.1	.0							3.9	4.4
SW	2.1	2.3	1.3	.2								5.9	5.0
WSW	.6	1.3	.9	.1	.0							3.0	3.9
W	2.8	2.0	1.8	.4								6.9	5.1
WNW	.6	1.3	1.7	.8								4.5	7.5
NW	3.2	2.4	2.8	.6	.0							9.0	5.7
NNW	2.7	1.9	1.4	.3								6.3	4.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	48.8	
	20.7	15.8	11.7	2.8	.2							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS

2974

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

STATION NAME

YEARS

MAY

MONTH

ALL WEATHER

CLASS

0300-0500

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 15	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	.6	.2	.1		.0						2.8	4.0
NNE	.3	.2		.1								.6	4.1
NE	.4	.2	.1									.7	3.5
ENE	.2	.0										.2	5.3
E	.4	.2	.1	.0								.6	3.9
ESE	.1	.1										.2	6.3
SE	.4	.1	.1									.6	3.7
SSE	.1	.1	.2									.4	6.1
S	1.8	.9	.9	.1								3.7	4.6
SSW	1.6	1.8	.5	.1	.0							4.0	4.6
SW	3.0	2.8	1.2	.1								7.2	4.4
WSW	.7	1.1	.5	.1	.1							2.6	5.8
W	.7	1.8	1.4	.2								7.1	4.3
WNW	.8	1.0	1.2	.6	.0							3.6	7.0
NW	2.8	2.3	2.7	.6								8.3	5.7
NNW	2.6	2.3	1.1	.3								6.3	4.8
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	51.2	
	20.4	15.7	10.3	2.2	.2	.0						100.0	2.4

TOTAL NUMBER OF OBSERVATIONS

2973

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

2321 HAMILTON AFB CALIF/SAN RAFAEL

STATION NAME

39°70

YEARS

MAY

NORTH

ALL WEATHER

CLASS

0600-0800

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	.9	.8	.2	.1							4.8	4.4
NNE	.6	.3	.1									1.0	3.6
NE	1.2	.6										1.8	3.1
ENE	.3	.3	.0									.6	3.9
E	1.0	.6	.3	.0								2.7	3.6
ESE	.5	.4	.1									1.0	4.0
SE	1.4	1.3	.2	.1								3.0	4.3
SSE	.3	.4	.3	.1								1.1	3.6
S	1.3	1.3	1.1	.4	.0							4.2	5.8
SSW	1.3	1.0	.9	.2								4.2	5.2
SW	2.3	2.8	2.3	.1								7.5	5.4
WSW	.5	1.2	.6	.1								2.5	3.6
W	1.3	1.1	1.7	.3								4.4	6.2
WNW	.7	1.0	1.7	.8	.1							4.2	7.7
NW	2.3	2.6	3.9	1.0	.0							9.8	6.6
NNW	2.0	1.3	1.7	.6	.1							5.6	6.1
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	41.4	
	20.5	17.9	15.9	3.9	.4							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS

2974

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
3 AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

STATION NAME

YEARS

MAY

MONTH

ALL WEATHER

0900-1100

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.8	1.0	.3	.1	.1						3.0	7.0
NNE	.3	.4	.5	.1		.0						1.3	6.8
NE	.5	.3	.3									1.3	4.7
ENE	.2	.4	.1									.6	4.7
E	1.6	2.5	.7	.1								4.9	4.5
ESE	1.5	4.7	3.3	.4								9.9	6.0
SE	1.8	5.9	11.3	2.6	.1							21.7	7.6
SSE	.3	1.5	3.3	1.5								6.6	8.7
S	.4	1.0	2.5	.5	.1							4.6	8.0
SSW	.3	.9	1.9	.6	.1							3.7	8.0
SW	.6	1.1	3.0	.6	.2							5.3	8.0
WSW	.2	.5	1.1	.5	.1							2.3	8.4
W	.6	1.5	3.1	1.8	.0							7.1	8.4
WNW	.2	.9	3.5	1.0	.2							5.8	9.1
NW	.7	2.2	4.6	2.0	.1							9.6	8.2
NNW	.4	.8	2.8	.9	.0							4.9	8.4
VARBL													
CALM												6.8	
	10.6	25.7	43.0	13.0	.9	.1						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

2973

USAFETAC FORM 0-8-5 (CL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
AUG 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

MAY

STATION NAME

YEARS

MONTH

ALL WEATHER

1200-1400

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.4	1.1	.6	.0							2.3	8.7
NNE	.1	.1	.2	.2	.0							.7	8.8
NE	.1	.3	.3	.1	.1							.8	7.7
ENE	.1	.1	.2	.1								.4	6.4
E	.6	.9	.7	.0	.0							2.3	5.8
ESE	.5	1.9	2.9	.3	.0	.0						5.7	7.1
SE	.7	3.1	12.3	5.7	.2							21.9	9.2
SSE	.1	.8	3.4	3.6	.1							8.0	10.3
S	.2	.5	2.1	.7	.1							3.6	8.9
SSW	.1	.4	1.9	1.4	.1							3.9	9.9
SW	.2	.9	3.6	1.9	.1							6.4	9.8
WSW	.0	.5	1.7	1.3	.2	.1						3.9	10.3
W	.2	1.1	4.1	3.5	.6	.0	.0					9.7	10.7
WNW	.2	.8	4.1	3.7	.5	.0						9.6	10.7
NW	.3	1.9	6.7	4.6	.4							13.7	9.8
NNW	.2	.6	1.9	2.2	.3	.1						3.4	10.9
VARBL													
CALM												1.6	
	3.8	14.0	47.3	29.7	3.2	.2	.0					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

2975

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

3

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

MAY

STATION NAME

YEARS

MONTH

1500-1700
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.5	1.0	.9	.1							3.6	8.9
NNE	.0	.1	.3	.1								.5	8.3
NE	.2	.1	.4	.2								.9	7.4
ENE	.1	.2	.3	.1								.6	6.5
E	.4	.7	.6		.0							1.6	5.7
ESE	.6	1.2	.8	.1	.0							2.8	3.7
SE	.2	1.7	3.5	.8								6.1	8.0
SSE	.1	.5	1.0	.4	.0							2.1	8.4
S	.1	.3	.9	.4	.1							1.9	9.2
SSW	.0	.3	1.2	.9	.1							2.6	10.0
SW	.2	1.0	4.4	2.2	.2							9.0	9.5
WSW	.0	.6	2.7	1.8	.2							5.3	10.2
W	.4	.9	4.8	3.5	.8	.1						10.3	10.6
WNW	.2	.7	3.0	6.2	.9	.2						13.2	11.7
NW	.2	1.6	14.8	10.2	.9	.1						27.9	10.5
NNW	.1	1.0	5.4	4.6	.2							11.4	10.2
VARBL													
CALM												1.1	
	3.3	11.4	47.8	32.3	3.6	.4						100.0	9.9

TOTAL NUMBER OF OBSERVATIONS

2975

USAFETAC FORM 08-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

MAY

NORTH

STATION

STATION NAME

YEARS

ALL WEATHER

1800-2000

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.8	1.6	.2	.1							5.1	6.1
NNE	.5	.7	.7									1.9	5.4
NE	.8	.5	.4									1.5	4.4
ENE	.4	.3	.3									1.0	5.0
E	1.3	.9	.4	.0								2.6	4.2
ESE	.5	.6	.3	.0								1.5	4.9
SE	1.1	1.4	.7									3.2	4.8
SSE	.4	.3	.2	.0								1.0	4.7
S	1.1	1.4	.8	.2								3.5	5.4
SSW	.5	1.6	1.0	.2								3.3	6.2
SW	1.3	1.8	2.3	.6	.1							6.1	6.8
WSW	.3	1.4	2.6	.5								4.8	7.7
W	1.1	1.6	3.9	1.6	.3							8.6	8.3
W..N	.9	2.3	4.3	3.3	1.0	.2						12.0	9.8
NW	2.2	4.6	10.8	3.4	.2							21.3	8.0
NNW	.3	3.1	5.3	1.4	.1							10.8	7.8
VARBL													
CALM												11.6	
	14.8	24.4	35.7	21.6	1.8	.2						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

2976

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
AA 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 HAY
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	1.6	1.0	.1	.0							5.7	4.3
NNE	.9	.6	.2	.0								1.8	4.0
NE	.8	.5	.1									1.4	3.5
ENE	.1	.4	.2									.7	4.9
E	1.3	.5	.2									2.0	3.5
ESE	.3	.3	.1									.7	3.9
SE	1.8	.5	.2	.0								2.5	3.3
SSE	.6	.5	.0	.0								1.1	3.9
S	2.3	1.4	.8	.1	.0							4.6	4.6
SSW	1.1	2.6	1.0	.2	.0							5.0	5.6
SW	2.4	2.8	1.5	.2								7.0	5.1
WSW	.7	1.9	.9	.2								3.5	5.8
W	2.3	2.1	1.5	.8	.1	.0						6.8	5.9
WNW	.8	1.4	2.5	1.2	.0	.0						6.1	8.1
NW	2.3	2.7	3.1	1.1	.0							9.2	6.6
NNW	1.7	1.8	1.2	.4	.1							5.2	5.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	36.8	
	22.4	21.4	14.6	4.5	.3	.1						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

2970

USAFETAC FORM 08-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL STATION NAME 39-40, 62-70 YEARS JUN MONTH
STATION CLASS 0000-0200 HOURS (L.S.T.)

COMBINED

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	1.0	.4	.0								3.8	3.5
NNE	.6	.3	.1									1.0	3.6
NE	.4	.2	.2									.8	4.3
ENE	.2	.3	.0									.5	4.4
E	.7	.2	.1									1.0	3.4
ESE	.2	.2	.1									.5	4.8
SE	.9	.3	.1	.1								1.4	3.7
SSE	.3	.3	.1	.0								.8	4.5
S	1.7	1.1	.4	.0								3.2	3.9
SSW	1.7	2.3	.6									4.8	4.2
SW	2.4	2.2	.7									5.3	4.2
WSW	.9	1.4	.6									3.0	4.8
W	2.2	1.6	1.8	.2	.0							5.6	3.2
WNW	.9	1.7	1.5	.5								4.5	6.6
NW	3.2	3.0	2.0	.6								8.8	5.4
NNW	2.0	1.2	.9	.2								4.3	4.8
VARBL													
CALM												50.5	
	20.6	17.5	9.7	1.7	.0							100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 2786

USAFET-C FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
PL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-40, 42-70 JUN
STATION NAME YEARS MONTH
ALL WEATHER 0300-0500
CLASSE HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	.7	.3									3.0	3.4
NNE	.3	.2		.1								.5	4.7
NE	.4	.3										.7	3.2
ENE	.1	.2										.3	3.2
E	.6	.2	.0									.8	2.9
ESE	.1	.1										.2	3.3
SE	.7	.3	.1	.1								1.1	4.0
SSE	.1	.2	.1									.5	5.1
S	1.6	.7	.2	.1								2.6	3.6
SSW	1.8	1.7	.3									3.7	3.7
SW	2.6	2.5	.9									6.1	4.3
WSW	1.0	1.7	.8	.1								3.5	4.9
W	2.8	1.8	1.2	.3								6.0	4.7
WNW	1.1	1.1	1.2	.3	.0							3.7	5.9
NW	3.7	2.4	1.7	.5								8.3	4.8
NNW	2.9	1.1	.6	.1								4.7	3.0
VARIABLE													
CALM	X	X	X	X	X	X	X	X	X	X	X	54.1	
	21.9	15.1	7.5	1.4	.0							100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 2787

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
XX 66

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

3

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-40, 42-70

JUN

MONTH

STATION NAME

YEARS

0600-0800

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	1.0	.6	.1	.0							4.2	4.1
NNE	.4	.3	.1	.0								.9	4.4
NE	1.1	.4	.1		.1							1.6	3.8
ENE	.4	.3	.0									.7	3.8
E	1.9	.8	.1									2.7	3.3
ESE	.9	.6	.4									1.9	4.2
SE	1.8	1.3	.6	.0	.0							3.8	4.3
SSE	.7	.7	.6	.0	.0							2.3	5.3
S	1.5	1.4	.9	.2	.0							3.9	5.1
SSW	1.6	1.8	1.0	.1								4.5	4.9
SW	2.2	2.4	1.1	.1								5.8	4.7
WSW	.8	1.1	.8	.1	.1							2.9	5.8
W	1.4	1.4	1.4	.5								4.7	6.1
WNW	.6	1.3	2.0	.5								4.4	7.1
NW	1.6	2.8	3.1	.8								8.2	6.5
NNW	1.8	1.4	1.4	.4	.1	.0						5.1	5.9
VARI													
CALM	X	X	X	X	X	X	X	X	X	X	X	42.3	
	21.1	19.0	14.2	2.9	.4	.0						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS

2789

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23211
STATION

HAMILTON AFB CALIF./SAN RAFAEL
STATION NAME

39-40, 42-70

YEARS

JUN
NORTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.4	.6	.1	.1							1.9	5.9
NNE	.1	.3	.1	.1	.1	.0						.9	9.2
NE	.3	.2	.1	.0	.1							.8	6.2
ENE	.2	.3	.4	.1								1.0	6.4
E	1.2	2.3	1.3	.2								5.0	5.5
ESE	1.8	4.4	3.8	.8	.1							10.9	6.4
SE	1.8	6.3	13.9	5.1	.1	.0						27.2	8.2
SSE	.5	1.8	5.3	2.6	.0							10.2	8.8
S	.6	.8	1.9	1.0	.1							4.3	8.2
SSW	.4	.9	1.2	.5	.1							3.0	7.7
SW	.7	1.2	1.8	.4	.1							4.2	7.1
WSW	.4	1.1	.8	.2								2.4	6.3
W	.5	1.4	2.2	1.2	.1	.0						5.4	8.6
WNW	.4	1.1	3.2	1.0	.1							5.8	8.7
NW	.5	1.0	3.8	1.8	.1							7.4	9.0
NNW	.3	.7	1.6	.7	.1	.0						3.4	8.6
VARBL													
CALM												6.1	
	10.4	24.3	42.1	15.7	1.2	.1						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

2789

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211

HAMILTON AFB CALIF/SAN RAFAEL

39-40, 42-70

JUN

MONTH

STATION NAME

YEARS

1200-1400
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	.9	.9	.1							2.2	10.0
NNE	.1	.0	.3	.2	.0							.6	9.6
NE	.0	.4	.0	.0								.5	9.3
ENE	.0	.0	.1									.1	10.3
E	.1	.3	.6	.3								1.3	8.5
ESE	.3	1.3	2.9	1.2	.2							5.8	8.8
SE	.3	1.8	15.5	10.6	.3	.0						28.5	10.1
SSE	.1	.6	5.7	4.3	.1							10.8	10.3
S	.2	.3	1.6	1.5	.2							3.9	10.5
SSW	.0	.5	1.5	1.1	.2							3.3	10.1
SW	.2	.9	2.8	1.3	.1							5.5	9.3
WSW	.1	.6	1.8	1.0	.0							3.5	9.4
W	.1	1.3	2.8	2.2	.8	.0						7.1	10.4
WNW	.1	.6	4.1	3.5	.3	.2	.0					8.9	10.9
NW	.2	.8	6.0	4.2	.4							11.4	10.3
NNW	.2	.6	2.1	2.4	.3	.0						5.6	10.6
VARBL													
CALM												.8	
	2.2	9.8	48.9	35.0	2.9	.2	.0					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS

2789

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-40, 42-70 JUN
STATION STATION NAME YEARS MONTH
ALL WEATHER 1500-1700
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.7	2.0	1.5	.0							4.4	9.5
NNE	.0	.1	.6	.2	.0	.0						1.0	9.7
NE	.1	.2	.2	.1								.8	7.3
ENE	.1	.3	.1									.5	8.6
E	.3	.9	.9	.1								2.2	6.6
ESE	.2	1.0	1.8	.2								3.2	7.0
SE	.1	1.4	6.5	2.3								10.4	9.0
SSE	.0	.4	1.4	.9								2.7	9.2
S	.0	.3	1.2	.4								1.9	8.9
SSW	.1	.4	1.5	1.1	.0							3.1	9.7
SW	.1	.7	4.2	1.4	.1							6.5	9.4
WSW	.1	.5	2.3	.8	.1							3.8	9.1
W	.3	.8	3.0	2.8	.5	.1						7.5	10.6
WNW	.3	.8	5.4	6.1	1.0	.2						13.7	11.5
NW	.3	1.4	14.5	9.3	.4	.1						26.0	10.4
NNW	.1	.4	5.7	4.8	.5							11.5	11.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	.3	
	2.3	10.2	51.5	32.1	2.8	.4						109.0	9.9

TOTAL NUMBER OF OBSERVATIONS

2784

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

3

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

27211 HAMILTON AFB CALIF/SAN RAFAEL STATION NAME 39-40, 42-70 YEARS JUN NORTH

1800-2000 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.1	2.0	.2								5.7	5.8
NNE	.6	.7	.7	.2								2.2	6.1
NE	.6	1.1	.8									2.6	5.4
ENE	.3	.7	.4	.0								1.4	5.2
E	1.1	1.5	.6									3.3	4.7
ESE	.7	1.2	.6	.1								2.7	5.3
SE	1.5	2.1	2.0	.1								5.0	5.5
SSE	.8	.7	.5									1.9	4.9
S	1.0	1.8	.6	.2								3.0	5.0
SSW	.8	1.3	1.0	.1								3.3	5.7
SW	1.0	1.3	2.5	.3								5.1	6.7
WSW	.4	1.3	1.8	.3								3.7	7.0
W	.5	1.1	2.6	1.1	.1							5.5	8.2
WNW	.8	2.0	4.3	3.7	.5	.0						11.3	9.5
NW	1.7	4.4	11.9	4.5	.3	.0						22.9	8.3
NNW	.7	2.9	4.8	1.5	.2							10.1	8.1
VARBL													
CALM												9.1	
	13.8	26.3	37.4	12.3	1.0	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

2787

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFG CALIF/SAN RAFAEL 39-40, 42-70

JUN

NORTH

STATION NAME

YEARS

ALL WEATHER

2100-2300

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.2	2.3	.8	.1								7.3	3.8
NNE	1.0	.9	.3									2.2	4.1
NE	1.4	.6	.4	.1								2.4	4.2
ENE	.6	.3	.1									1.0	4.0
E	1.4	.8	.3									2.4	3.8
ESE	.3	.8	.4									1.5	5.3
SE	1.1	1.1	.4	.0								2.7	4.2
SSE	.6	.6	.1									1.4	4.0
S	1.9	1.9	.3	.1								4.2	4.0
SSW	1.9	2.5	.8									5.2	4.3
SW	1.7	2.4	1.2	.1								5.4	5.1
WSW	.6	1.2	.8									2.6	5.3
W	1.8	1.6	1.6	.5	.0							5.7	5.9
WNW	.7	1.6	1.9	.9	.1							5.3	7.6
NW	1.9	3.0	3.5	1.2	.0							9.7	6.8
NNW	1.8	2.3	1.5	.6								6.1	5.8
VARBL													
CALM												35.0	
	22.9	24.0	14.4	3.6	.2							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

2789

USAFETAC FORM 08-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 JUL
STATION STATION NAME YEARS MONTH

ALL WEATHER

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.9	1.9	.5									7.3	3.3
NNE	.4	.2	.0	.0								.7	4.0
NE	.5	.4	.2									1.0	4.1
ENE	.1	.1										.2	3.3
E	.4	.4	.1									.9	3.8
ESE	.1	.1										.3	3.5
SE	.8	.3	.1									1.2	3.1
SSE	.2	.2	.0									.5	3.7
S	1.8	1.4	.3									3.5	3.7
SSW	1.6	1.7	.4									3.7	4.1
SW	2.0	1.5	.4									4.0	3.7
WSW	.6	.3	.3									1.2	4.7
W	2.1	.6	.3									3.0	3.1
WNW	1.0	.6	.3									1.9	4.0
NW	4.4	2.1	1.0	.0								7.6	3.7
NNW	4.9	2.1	.6	.0								7.6	3.5
VARBL													
CALM												55.2	
	26.0	14.1	4.3	.1								100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 2974

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70
STATION STATION NAME YEARS JUL
ALL WEATHER CLASS 0300-0500
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	1.1	.4									4.3	3.4
NNE	.3	.1										.4	3.1
NE	.3	.3	.0									.7	3.6
ENE	.2	.1	.0									.3	4.3
E	.4	.3										.6	2.9
ESE	.1	.1	.0									.2	3.7
SE	.6	.3	.0									1.0	3.4
SSE	.3	.1										.3	2.9
S	1.3	.8	.2									2.3	3.8
SSW	1.6	1.7	.6	.0								4.0	4.3
SW	3.3	1.7	.8	.1								5.9	4.0
WSW	.7	.9	.2									1.8	4.3
W	3.1	1.0	.3									4.4	3.1
WNW	.6	.8	.2	.1								1.7	4.5
NW	5.1	2.1	.4	.0								7.6	3.3
NNW	4.3	2.0	.4	.0								6.8	3.4
VARBL													
CALM												57.5	
	24.9	13.6	3.7	.2								100.0	1.5

TOTAL NUMBER OF OBSERVATIONS

2972

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

3

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211

HAMILTON AFB CALIF/SAN RAFAEL

STATION NAME

39-70

JUL

MONTH

0600-0800

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	5.1	1.4	.4									6.9	3.1
NNE	.4	.6	.1									1.0	4.2
NE	1.6	.4	.3									2.3	3.4
ENE	.2	.3										.6	3.6
E	2.4	.6	.2									3.3	3.1
ESE	1.1	.7	.3									2.1	3.9
SE	2.1	1.4	.8	.0								4.4	4.3
SSE	.6	.3	.4	.0								1.4	4.9
S	1.8	1.2	.5									3.5	4.2
SSW	1.3	1.5	.6									3.5	4.5
SW	2.2	1.9	1.2									5.3	4.5
WSW	.9	.8	.3	.1								2.1	4.5
W	1.3	.7	.6	.1								2.8	4.9
WNW	.6	.7	.4	.2								1.9	5.7
NW	3.1	1.8	.8	.1								5.2	4.1
NNW	3.0	1.6	.5									5.1	3.6
VARBL													
CALM												48.2	
	27.8	16.1	7.4	.5								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS

2970

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
AR 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 34-70 , YEARS JUL
STATION STATION NAME MONTH
ALL WEATHER CLASS 0400-1100
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.7	.8	.2								2.1	6.4
NNE	.3	.2	.1	.0								.6	5.0
NE	.7	.5	.3									1.5	4.2
ENE	.6	.3	.2	.0								1.0	4.8
E	2.5	3.2	2.5	.4	.0							8.5	5.6
ESE	2.3	5.3	3.3	1.0	.0							13.9	6.4
SE	2.3	6.5	19.0	6.4	.1							34.4	8.4
SSE	.7	2.4	5.7	2.7	.1							11.6	8.6
S	.5	.5	2.0	.5								3.5	7.8
SSW	.3	.3	.7	.1								1.5	7.0
SW	.5	.8	.6									2.1	6.3
WSW	.2	.1	.4									.9	7.3
W	.3	.5	1.0	.1								2.0	7.1
WNW	.2	.3	1.1	.4								2.1	8.3
NW	.3	.8	2.5	.6	.0							4.2	8.4
NNW	.3	.7	1.0	.1								2.1	6.6
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	8.0	
	12.4	23.2	43.2	12.8	.3	.0						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 2974

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39° 70°
STATION NAME STATION LAT LONG
ALL WEATHER CLASB
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.3	1.0	.3								1.6	9.0
NNE	.1	.1	.1	.0								.4	6.3
NE	.1		.1	.1	.0							.3	8.5
ENE	.0											.0	2.0
E	.2	.3	1.1	.6								2.2	9.0
ESE	.2	1.1	4.0	2.0	.1							7.4	9.4
SE	.4	2.3	21.0	18.1	.5	.0						42.3	10.6
SSE	.2	.7	7.8	7.7	.2							16.5	10.7
S	.0	.4	2.6	1.1	.1							4.3	9.9
SSW	.1	.1	1.0	.4	.0							1.5	9.7
SW	.0	.3	1.2	.8								2.4	9.7
WSW	.1	.9	.3									1.3	9.6
W	.1	.5	1.3	.6	.1							2.5	9.2
WNW	.1	.4	1.7	.9	.0							3.1	9.5
NW	.0	.4	5.3	3.7	.1							9.6	10.3
NNW	.2	1.9	1.8	.0								4.0	10.8
VARI													
CALM	X	X	X	X	X	X	X	X	X	X	X	.7	
	1.6	7.2	51.1	38.3	1.2	.0						100.0	10.2

TOTAL NUMBER OF OBSERVATIONS

2976

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

JUL

STATION NAME

YEARS

BIRTH

ALL WEATHER

1500-1700

HOURS (L.S.T.)

CONDITION

SPEED (KTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.4	2.4	.9	.1							3.9	9.2
NNE	.1	.2	.6	.1								.9	7.4
NE	.1	.3	.5	.1								1.0	7.5
ENE	.0	.3	.1									.4	5.6
E	.4	.9	1.8	.2								3.4	7.1
ESE	.5	1.7	3.7	.9	.0							7.0	7.9
SE	.3	3.4	15.2	6.0								24.9	9.2
SSE	.2	.6	4.4	1.8								7.0	9.4
S	.1	.4	1.0	.4								1.9	8.3
SSW	.1	.4	1.0	.4	.0							1.9	8.9
SW	.1	.4	1.8	.6								3.0	9.1
WSW	.0	.1	.9	.5								1.6	9.7
W	.1	.4	1.6	.4	.0							2.3	9.0
WNW	.0	.4	3.0	2.3	.2							5.9	10.5
NW	.1	1.7	12.6	6.8	.4							23.6	10.3
NNW	.2	.6	5.3	4.0	.1							10.2	10.3
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	.9	
	2.5	12.4	55.9	27.4	.9							100.0	9.6

TOTAL NUMBER OF OBSERVATIONS

2976

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

YEARS

JUL

NORTH

STATION

STATION NAME

1800-2000
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.2	3.5	3.8	.3								9.8	6.0
NNE	1.0	2.0	1.3	.1								4.4	5.5
NE	1.2	2.0	1.4	.1								4.6	5.4
ENE	.5	1.1	.4									1.9	4.8
E	1.6	2.3	1.1									4.9	4.8
ESE	1.2	2.4	1.4									3.0	5.1
SE	1.8	3.5	4.0	.3								9.6	6.1
SSE	.6	1.0	.8	.1								2.3	5.8
S	1.1	1.3	.4									2.8	4.4
SSW	.2	.7	.3	.0								1.3	3.6
SW	.6	.4	.9	.1								2.0	5.2
WSW	.2	.3	.3	.1	.0							.9	6.6
W	.7	.9	.9	.3	.0							2.9	6.2
WNW	.4	1.5	3.0	.7	.0							5.7	7.9
NW	2.2	4.3	10.8	2.9								20.1	7.0
NNW	1.0	3.5	6.4	1.1								12.1	7.4
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	9.5	
	16.3	30.6	37.2	6.1	.1							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

2972

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL STATION NAME 39-70 YEARS JUL
STATION MONTH
ALL WEATHER CLASS 2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	8.3	5.4	1.8	.1								15.6	3.9
NNE	2.2	1.5	.5									4.3	4.1
NE	1.5	1.0	.4									2.9	3.9
ENE	.6	.3	.1									1.0	3.7
E	2.0	.9	.2									3.1	3.4
ESE	.6	.7	.2									1.5	4.3
SE	1.5	1.2	.3									3.0	4.0
SSE	.7	.6	.1									1.4	3.8
S	1.8	1.6	.4									3.8	3.9
SSW	.7	1.3	.5	.0								2.5	4.9
SW	1.1	1.0	.5									2.7	4.2
WSW	.3	.2	.1	.0								.7	4.5
W	1.5	.5	.5	.1								2.6	4.2
WNW	.5	.4	.4	.1								1.4	5.7
NW	3.4	3.1	1.9	.1								8.5	4.6
NNW	2.9	3.7	1.6	.0								7.8	4.5
VARBL													
CALM												37.2	
	29.6	23.4	9.3	.5								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 2973

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

3

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 AUG
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.4	1.7	.4	.0								6.6	3.3
NNE	.9	.4	.0									1.3	3.2
NE	.4	.3	.0									.8	3.3
ENE	.2	.1										.2	2.9
E	.8	.2	.1									1.0	2.9
ESE	.2	.1										.4	3.5
SE	.6	.4	.2									1.1	3.7
SSE	.3	.2	.1									.5	3.7
S	1.5	1.1	.1									2.6	3.4
SSW	1.1	2.0	.5	.1								3.7	4.8
SW	2.4	1.9	.8	.1								5.1	4.2
WSW	.9	.5	.3									1.7	4.3
W	3.3	.9	.3	.0								4.5	3.0
WNW	.6	.6	.4	.1								1.7	5.4
NW	2.6	2.2	.7	.1	.0							6.6	3.8
NNW	4.3	2.1	.3	.1								6.8	3.3
VARI													
CALM												55.1	
	25.5	14.6	4.2	.6	.0							100.0	1.7

TOTAL NUMBER OF OBSERVATIONS

2976

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211

HAMILTON AFB CALIF/SAN RAFAEL

STATION NAME

39-70

AUG

MONT

YEARS

0300-0500

HOURS (L.S.T.)

ALL WEATHER

CLOUDS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.3	.8	.2									5.3	2.8
NNE	.4	.1	.0									.5	3.2
NE	.5	.2										.7	2.8
ENE	.1	.0	.0									.2	4.4
E	.7	.1	.0									.0	2.8
ESE	.1	.2										.3	3.8
SE	.4	.2	.1									.7	3.4
SSE	.1	.1										.1	3.5
S	1.1	1.0	.1	.0								2.2	3.0
SSW	1.2	1.3	.5	.1								3.2	4.6
SW	3.3	1.9	.5	.1								5.8	3.7
WSW	1.2	1.0	.2									2.4	3.9
W	3.7	.9	.3	.1								5.0	3.1
WNW	.7	1.2	.2	.1	.1							2.2	4.9
NW	4.8	1.7	.5									7.0	3.3
NNW	4.3	1.7	.4									6.5	3.4
VARBL													
CALM												57.2	
	26.7	12.6	3.1	.3	.1							100.0	1.5

TOTAL NUMBER OF OBSERVATIONS

2976

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL

STATION NAME

39-70

YEARS

AUG

MONTH

ALL WEATHER

CLASS

0600-0800

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.5	.8	.3	.0								5.6	3.0
NNE	.6	.3	.1									1.9	3.3
NE	1.1	.4	.0									1.5	3.0
ENE	.3	.1										.4	3.0
E	2.2	.2	.2									2.6	2.9
ESE	.8	.3	.1									1.1	3.3
SE	1.7	.8	.2	.0								2.8	3.6
SSE	.4	.5	.3									1.3	4.7
S	1.7	.9	.5									3.1	3.9
SSW	1.1	1.6	.8	.0	.0							3.5	3.0
SW	1.9	2.4	1.0	.1								5.4	4.7
WSW	.7	.8	.4									1.9	4.7
W	2.3	.8	.5	.0								3.7	3.8
WNW	.6	.8	.5									1.9	5.0
NW	3.3	2.2	1.0	.2								6.7	4.3
NNW	3.2	1.4	.5	.0								5.2	3.6
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	52.3	
	26.2	14.5	6.4	.5	.0							100.0	1.9

TOTAL NUMBER OF OBSERVATIONS

2976

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

3

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

AUG

STATION NAME

YEARS

NORTH

ALL WEATHER

0900-1000

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.3	.4	.0								1.7	4.4
NNE	.1	.3	.2									.6	5.4
NE	.6	.5	.1	.0								1.2	4.1
ENE	.3	.4	.3									1.0	5.1
E	2.8	3.6	1.8	.1								8.2	4.9
ESE	2.6	5.6	5.4	1.4	.0							15.1	6.3
SE	2.8	8.5	16.7	4.0	.1							32.1	7.7
SSE	.4	2.4	3.7	3.5	.0							12.1	9.0
S	.6	.7	1.2	.3								2.8	6.8
SSW	.3	.5	.6	.3								1.7	7.3
SV	.3	.3	1.2	.3								2.2	7.9
WSW	.0	.3	.5	.2								1.0	7.9
W	.5	.8	.8	.1								2.1	6.1
WNW	.2	.4	.9	.4	.0							1.7	8.9
NW	.6	.9	2.2	.5								4.2	7.5
NNW	.5	.4	1.0	.3	.0							2.3	7.2
VARBL													
CALM												10.2	
	13.3	25.9	39.0	11.3	.2	.0						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

2976

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 AUG
STATION STATION NAME MONTH
ALL WEATHER CLASS 1200-1400
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.7	.3	.0							1.3	8.7
NNE	.0		.1	.0								.2	7.8
NE	.1	.0	.0									.1	4.5
ENE		.2										.2	8.2
E	.2	.6	1.2	.2								2.3	7.2
ESE	.3	1.3	4.8	3.7	.1							10.3	10.0
SE	.4	2.7	20.7	16.8	.5							41.1	10.4
SSE	.2	.7	8.5	9.3	.1							18.9	10.8
S	.1	.2	1.3	.9	.0							2.6	9.8
SSW	.1	.9	.8	.1								1.9	10.9
SW	.1	.3	1.2	.8	.2							2.3	10.1
WSW	.0	.1	.4	.3	.0							.9	10.4
W	.1	.2	1.2	.6								2.1	9.6
WNW	.0	.6	1.7	1.3	.1	.0						3.6	10.2
NW	.1	.8	4.1	2.2	.0	.0						7.2	9.8
NNW	.0	.3	1.7	1.7	.2							3.9	11.0
VARBL													
CALM												.7	
	1.5	8.1	48.9	38.9	1.4	.1						100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 2976

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211

HAMILTON AFB CALIF/SAN RAFAEL

39°70'

AUG

STATION

STATION NAME

YEARS

1500-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	1.5	.6								2.6	8.9
NNE		.1	.2	.1								.4	8.6
NE	.1	.2	.4	.1								.8	7.4
ENE	.0	.2	.3	.0								.6	6.9
E	.5	1.0	1.8	.2								3.5	6.9
ESE	.4	1.8	2.8	1.1								7.1	8.0
SE	.4	2.4	13.5	5.8	.0							22.2	9.3
SSE	.1	.9	4.8	3.0	.0							8.9	9.8
S	.2	.3	.7	.4								1.6	8.5
SSW	.1	.3	.9	.7								2.0	9.9
SW	.1	.2	1.8	1.2	.1							3.4	10.1
WSW	.2	1.0	.3	.0								1.6	9.3
W	.2	.6	1.3	.8	.1							3.0	9.3
WNW	.4	3.6	2.0	.2	.1							6.4	10.7
NW	.3	1.8	12.2	8.3	.2	.0						22.8	10.2
NNW	.0	.8	6.6	4.7	.1							12.2	10.3
VARBL													
CALM												.9	
	2.5	11.7	54.5	29.4	.5	.1						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

2976

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 AUG
STATION STATION NAME YEARS MONTH
ALL WEATHER 1800-2000
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.4	3.2	.5								9.0	5.9
NNE	.8	1.7	1.3	.1								3.9	3.7
NE	1.0	1.9	1.2	.0								4.1	5.3
ENE	.8	.8	.3									1.9	4.5
E	2.1	2.1	1.2									5.3	4.7
ESE	1.1	2.0	1.0									4.1	5.0
SE	1.5	3.9	2.9	.1								8.7	5.6
SSE	.9	1.6	1.1	.1								3.4	5.7
S	1.2	1.1	.3	.0								2.6	4.4
SSW	.5	1.3	.5	.1								2.4	5.3
SW	.6	1.0	1.1	.3								3.0	6.5
WSW	.2	.3	.5	.0								1.0	6.2
W	.6	1.2	1.2	.2	.0							3.2	6.3
WNW	.4	1.3	2.6	1.0	.3							3.5	8.7
NW	1.9	4.6	1.1	2.0	.1	.0						19.7	7.7
NNW	.9	2.9	5.8	1.1	.0							10.8	7.6
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	11.2	
	16.6	31.0	35.3	5.5	.4	.0						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

2973

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

3

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 AUG
STATION NAME YEARS MONTH
ALL WEATHER 2100-2300
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	6.1	4.2	1.3									11.6	3.9
NNE	1.8	1.2	.3									3.3	3.7
NE	1.6	1.1	.4									3.1	4.0
ENE	.4	.6	.1									1.0	4.0
E	1.7	1.0	.1									2.8	3.4
ESE	.6	.5	.1									1.2	3.8
SE	1.2	.8	.3									2.3	3.8
SSE	.4	.6	.1									1.1	4.1
S	1.4	1.7	.3									3.5	4.0
SSW	1.0	1.6	.6	.0								3.3	4.9
SW	1.6	1.0	.5	.1								3.3	4.5
WSW	.5	.7	.2									1.2	5.0
W	2.1	.8	.4	.1								3.4	3.7
WNW	.3	.7	.5	.3	.0							1.8	7.2
NW	3.7	3.1	1.6	.3	.0	.0						8.8	4.8
NNW	2.5	3.2	1.1	.0								6.9	4.4
VARBL													
CALM												41.4	
	26.0	22.9	5.2	.9	.1	.0						100.0	2.5

TOTAL NUMBER OF OBSERVATIONS

2975

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

STATION STATION NAME

YEARS

SEP

MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	1.1	.2	.0	.0							4.5	3.3
NNE	.3	.3	.0	.0			.1					.8	6.3
NE	.5	.3										.8	3.2
ENE	.2	.2										.3	3.1
E	.3	.1	.1									.4	3.3
ESE	.2	.0										.2	2.3
SE	.5	.1	.1									.7	2.7
SSE	.2	.1										.3	2.5
S	1.3	.5		.0	.1							1.8	3.3
SSW	.1	.4	.1	.1	.0							1.6	3.9
SW	1.7	1.2	.2									3.1	3.6
WSW	.7	.6	.2									1.5	4.0
W	3.6	1.3	.3	.1								5.2	3.3
WNW	1.0	.9	.9	.1								2.8	3.4
NW	5.3	3.0	1.4	.1								9.8	4.0
NNW	4.0	2.3	.5	.1								6.8	3.6
VARYL													
CALM	X	X	X	X	X	X	X	X	X	X	X	59.2	
	23.9	12.2	4.0	.5	.1		.1					100.0	1.3

TOTAL NUMBER OF OBSERVATIONS

2877

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

SEP

NORTH

STATION NAME

YEARS

0300-0500
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	.7	.4	.1	.1	.0						4.0	4.0
NNNE	.4	.2	.1	.1								.8	5.2
NE	.3	.2	.0									.6	3.6
ENE	.1	.1										.2	3.2
E	.3	.2	.0									.5	3.2
ESE	.1	.0	.1									.2	3.1
SE	.7	.1										.8	2.3
SSE	.1	.0	.0									.2	4.6
S	.9	.3	.1	.1	.1							1.5	4.6
SSW	.7	.5	.0	.1		.0						1.4	4.7
SW	.8	.5	.2									2.5	3.1
WSW	.8	.7	.1									1.6	4.0
W	4.4	1.0	.3		.0							5.7	3.0
WNW	.9	.9	.7	.1								2.7	5.2
NW	5.1	3.2	1.1	.0								9.6	3.8
NNW	3.7	2.3	.4									6.4	3.6
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	61.3	
	23.3	11.1	3.8	.5	.2	.1						100.0	1.5

TOTAL NUMBER OF OBSERVATIONS

2876

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS).

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

SEP

STATION NAME

YEARS

MONT

ALL WEATHER

0600-0800

CLAS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.2	1.3	.5	.1	.1							7.2	3.3
NNE	.6	.4	.0	.1	.0							1.2	4.3
NE	1.1	.1	.1									1.3	2.6
ENE	.3											.3	1.9
E	1.1	.2										1.3	2.7
ESE	.2	.3										.5	4.0
SE	.9	.3	.5									1.7	4.5
SSE	.2	.3	.2									.6	5.1
S	1.4	.3	.2	.1	.0							2.0	4.1
SSW	.7	.7	.1	.0		.1						1.7	4.9
SW	1.7	.7	.2									2.6	3.5
WSW	.7	.5	.1									1.3	3.7
W	2.3	1.1	.4	.1								3.9	3.6
WNW	1.3	.8	.7	.1								2.9	3.0
NW	3.8	1.9	1.6	.2	.0							7.5	4.5
NNW	3.7	2.0	.5	.1								6.2	3.6
VARBL													
CALM												57.9	
	25.2	10.8	5.1	.8	.2	.1						100.0	1.6

TOTAL NUMBER OF OBSERVATIONS

2877

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 SEP

STATION STATION NAME MONTH

YEARS

0900-1100

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.7	.5	.1	.1	.0						2.4	6.3
NNE	.2	.4	.3	.1								1.0	6.8
NE	.7	.3	.3	.2								1.4	5.4
ENE	.6	.5	.4	.1								1.3	5.3
E	3.9	4.2	2.4	.0								10.3	4.7
ESE	3.4	6.7	4.0	.4								14.3	5.5
SE	4.5	8.8	10.1	1.4								24.7	6.4
SSE	.8	1.8	2.4	.6								3.6	6.8
S	.3	1.1	1.0	.2								2.7	6.5
SSW	.3	.6	.4	.0	.1							1.4	6.6
SW	.6	.9	1.2	.3								2.9	6.6
WSW	.3	.3	.4	.2								1.4	6.8
W	.3	.9	1.0	.4								2.6	7.1
WNW	.2	.9	1.3	.3	.0							2.7	7.9
NW	.9	1.1	2.2	.5								4.6	7.0
NNW	.3	.3	.8	.1								1.8	6.6
VARBL													
CALM												18.2	
	18.3	29.5	28.6	5.0	.3	.0						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

2877

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL STATION NAME

39-70

YEARS

SE²

MONT

ALL WEATHER

1200-1400

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.8	.5	.1							1.6	10.1
NNE	.0	.1	.1	.2	.1							.5	10.1
NE	.1	.1	.1	.1								.3	8.0
ENE	.0	.1	.3	.1								.6	8.0
E	.8	1.4	2.3	.2								4.7	6.5
ESE	1.0	4.0	6.5	2.0	.0							13.6	7.8
SE	1.5	5.6	23.3	3.9	.1							36.6	8.5
SSE	.2	2.3	5.6	3.9								11.9	9.2
S	.3	.5	1.2	.6	.1							2.7	8.5
SSW	.1	.1	.6	.3	.1							1.3	9.8
SW	.2	.7	2.3	.9	.0							4.1	8.8
WSW	.1	.4	1.3	.6	.1							2.4	9.4
W	.2	.6	1.7	1.2	.1							3.7	9.5
WNW	.4	.6	2.0	2.0	.1							4.8	10.2
NW	.1	.8	3.9	1.6	.1							6.6	9.4
NNW	.0	.2	1.6	.4	.1							2.3	9.4
VARBL													
CALM												2.6	
	5.0	17.6	53.4	20.4	.9							100.0	8.5

TOTAL NUMBER OF OBSERVATIONS

2877

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

STATION NAME

YEARS

SEP

NORTH

STATION

ALL WEATHER

1500-1700

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.7	1.4	.5	.0							2.7	8.7
NNE	.1	.1	.2	.2								.6	8.6
NE	.2	.2	.3	.0	.0							.9	6.6
ENE	.2	.1	.6	.1	.1							1.1	8.3
E	.6	1.4	1.5	.1								3.6	6.1
ESE	.9	2.1	2.5	.7								.3	6.8
SE	1.3	4.0	11.6	1.5								18.4	7.6
SSE	.4	1.5	3.6	1.1								6.5	8.0
S	.2	.5	.6	.2								1.7	7.4
SSW	.1	.2	1.1	.3	.1	.1						1.9	9.6
SW	.3	.8	3.0	1.0	.0	.0						5.2	8.7
WSW	.1	.6	1.8	.6	.1							3.2	8.8
W	.2	.8	3.5	1.6	.2							6.3	9.3
WNW	.2	1.4	5.4	3.8	.2							10.9	9.9
NW	.7	1.9	11.1	2.9	.3							20.0	9.6
NNW	.2	.9	4.6	2.4	.0							7.8	9.7
VARBL													
CALM												3.0	
	5.8	16.9	53.0	20.0	1.1	.1						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

2873

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

STATION NAME

YEARS

SEP

MONTH

ALL WEATHER

CLASS

1800-2000

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.9	1.8	.3								7.1	5.3
NNE	1.0	1.1	.5	.1								2.7	4.7
NE	1.1	1.2	.7									3.0	4.8
ENE	.7	.7	.2									1.6	4.2
E	1.9	1.6	.5	.0								4.1	4.1
ESE	1.5	1.4	.6									3.5	4.2
SE	2.1	2.2	1.0	.0								5.3	4.6
SSE	.3	.9	.3	.0								1.5	4.9
S	1.0	1.0	.2									2.2	4.0
SSW	.6	.7	.4	.1		.1	.0					1.9	6.1
SW	1.2	1.0	.8	.2								3.3	5.3
WSW	.4	.7	.6		.1							1.8	5.9
W	1.9	1.8	1.7	.3	.0							5.8	5.6
WNW	1.0	2.1	4.0	1.2	.2							8.5	7.8
NW	2.1	5.1	7.6	1.8	.1							16.7	7.2
NNW	1.2	3.5	3.3	.6								8.6	6.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	22.5	
	20.2	27.9	24.2	4.7	.4	.1	.0					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

2875

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
AA 64

3

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 SEP
 STATION STATION NAME YEARS MONTH
ALL WEATHER 2100-2300
 CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.5	2.5	.8	.0	.1	.1						7.9	4.1
NNE	1.1	.4	.1	.0	.0							1.6	3.7
NE	1.0	.5	.1									1.6	3.4
ENE	.4	.1	.1									.5	3.7
E	.8	.2	.1									1.1	3.4
ESE	.5	.4	.0									.9	3.5
SE	1.1	.6	.0									1.7	3.1
SSE	.6	.5	.0	.0								1.1	3.8
S	1.7	.8	.1		.0		.0					2.6	3.8
SSW	.9	1.0	.3	.0			.0					2.4	4.8
SW	1.8	1.0	.5	.0								3.3	3.9
WSW	.8	.6	.3									1.7	4.6
W	3.1	1.2	.6	.1								5.0	3.8
WNW	.8	1.2	1.5	.3								3.8	6.4
NW	3.8	3.1	2.5	.3	.1							9.9	5.1
NNW	3.1	2.7	.7	.2								6.8	4.2
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	48.1	
	25.8	16.8	7.8	1.1	.2	.1	.1					100.0	2.3

TOTAL NUMBER OF OBSERVATIONS

2876

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

3

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 DCT
STATION STATION NAME YEARS NORTH

9

ALL WEATHER

CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	.9	.4	.2	.2	.1						3.9	5.5
NNE	.3	.1	.1	.1								.7	6.0
NE	.4	.1										.5	2.4
ENE	.1		.1									.2	4.8
E	.2	.0	.1	.1								.3	5.6
ESE	.2	.1	.3	.0								.6	6.2
SE	.4	.1	.1	.0								.7	4.4
SSE	.1	.1	.3	.1								.7	8.1
S	1.0	.6	1.0	.4	.2							3.8	6.2
SSW	1.3	.9	.5	.3	.1	.1						2.8	5.8
SW	1.5	.8	.6	.1								3.1	4.6
WSW	.1	.4	.1	.2								.8	6.7
W	3.5	.8	.7	.2								5.2	3.6
WNW	1.3	.9	.8	.5	.0							3.7	6.1
NW	3.7	2.4	2.8	.9	.0							9.7	5.6
NNW	2.3	1.5	.7	.3								4.0	4.6
VARBL													
CALM												58.3	
	19.3	9.5	8.6	3.6	.5	.1						100.0	2.2

TOTAL NUMBER OF OBSERVATIONS

2976

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

YEARS

OCT

MONTH

STATION

STATION NAME

ALL WEATHER

CLASS

0300-0500

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	.8	.5	.5	.2							4.2	3.4
NNE	.4	.2	.1									.7	3.7
NE	.3	.2		.0								.5	3.6
ENE	.1	.1		.0								.2	4.0
E	.4	.1	.2	.0								.7	4.9
ESE	.1	.1	.2	.1								.6	7.1
SE	.4	.5	.3									1.2	5.0
SSE	.1	.2	.3	.0								.7	6.8
S	1.2	.5	.7	.3	.1							2.9	6.6
SSW	.8	.8	.6	.1	.0	.2						2.4	6.8
SW	1.6	.6	.5	.1								2.9	4.6
WSW	.3	.5	.1	.1								1.0	5.5
W	3.3	.5	.5	.1								4.4	3.2
WNW	1.0	.8	1.0	.5								3.3	6.4
NW	3.5	2.4	2.0	.7	.1							8.6	5.3
NNW	2.6	1.5	.8	.4	.0							5.3	4.8
VARBL													
CALM												60.1	
	18.4	9.8	7.8	3.1	.5	.2						100.0	2.1

TOTAL NUMBER OF OBSERVATIONS

2973

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

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DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 UCT
STATION STATION NAME YEARS MONTH

ALL WEATHER CLASS

0600-0800
HOUSE (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.8	.8	.5	.2	.1	.1	.0	.0				5.6	4.5
NNE	.6	.2	.0	.2	.2							1.1	7.2
NE	.9	.2	.0	.0								1.2	3.5
ENE	.2	.1										.2	3.1
E	.6	.0	.3	.2								1.1	5.4
ESE	.2	.0	.3	.0								.6	6.1
SE	.7	.5	.1	.1								1.4	4.5
SSE	.3	.3	.5	.3								1.4	7.2
S	1.3	.7	.9	.5	.0							3.5	6.1
SSW	.7	.6	.6	.3	.1	.1						2.4	7.5
SW	1.0	.8	.3	.1	.0							2.3	4.8
WSW	.6	.3	.0	.0	.0							.7	4.9
W	2.3	.7	.5	.1	.0	.0						3.6	4.0
WNW	.8	.6	.7	.2	.0							2.3	6.0
NW	4.2	2.4	1.8	.8	.2							9.3	5.3
NNW	3.5	1.5	.7	.6	.2	.0						6.5	5.0
VARBL													
CALM												36.8	
	21.4	9.7	7.3	3.6	.9	.2	.0	.0				100.0	2.3

TOTAL NUMBER OF OBSERVATIONS

2975

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

OCT

NORTH

STATION

STATION NAME

YEARS

0900-1100
HOURS (L.S.T.)

ALL WEATHER

CLASS

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	.9	.7	.2	.4	.2	.0					4.4	7.2
NNE	.5	.3	.1	.3	.1	.2	.0					1.5	9.8
NE	.9	.3	.4	.2	.1	.1	.0					2.1	7.2
ENE	.5	.4	.3	.1								1.3	5.1
E	5.6	3.5	1.8	.2								11.1	4.3
ESE	3.9	4.3	2.6	.2								10.7	4.8
SE	4.5	6.6	4.7	.4	.1							16.3	5.4
SSE	.5	.9	1.3	.2	.1	.0						3.0	7.2
S	.6	1.0	1.1	.9	.2							3.7	8.2
SSW	.2	.6	.9	.6	.0	.0						2.4	8.9
SW	.5	.6	1.1	.3	.0							2.6	7.1
WSW	.1	.2	.4	.2	.1							.9	9.0
W	.3	.7	1.1	.5								2.8	7.3
WNW	.3	.5	1.1	.4	.1	.0						2.6	8.5
NW	1.0	1.2	2.1	.9	.1							5.4	7.6
NNW	1.1	.9	1.2	.7	.1	.1						4.1	7.8
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	25.3	
	22.6	23.0	20.7	6.3	1.4	.6	.1					100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

2970

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211
STATION

HAMILTON AFB CALIF/SAN RAFAEL
STATION NAME

39-70

YEARS

OCT

MONTH

1200-1400
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.2	.4	.3	.2	.1						1.6	10.8
NNE	.1	.1	.2	.2	.1	.1	.1	.0				.9	14.5
NE	.2	.2	.2	.5	.0	.1						1.3	10.2
ENE	.2	.2	.4	.0	.1							.8	7.4
E	2.0	3.3	2.3	.2								7.9	3.5
ESE	2.6	3.4	5.4	.5								14.0	6.1
SE	4.7	9.6	14.4	1.9	.0							30.8	6.8
SSE	.6	1.6	3.8	.9	.0	.1						7.1	8.1
S	.2	.6	1.5	1.2	.3							3.9	10.0
SSW	.2	.3	1.5	.9	.2							3.2	10.0
SW	.2	.3	2.3	.8	.0							3.7	8.9
WSW	.1	.3	1.1	.2	.2	.0						2.0	9.8
W	.1	.5	2.4	1.4	.1	.0						4.5	9.9
WNW	.3	.8	2.0	1.8	.3	.0						3.2	9.9
NW	.2	.7	2.8	1.4	.1	.0						5.2	9.4
NNW	.1	.4	.7	.6	.1	.1						1.7	9.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	6.2	
	12.2	24.8	41.5	12.7	1.8	.7	.1	.0				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

2976

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL)=70 OCT
STATION STATION NAME YEARS MONTH
ALL WEATH CLASS 1500-1700
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.1	1.3	.6	.3	.1	.0					3.0	9.1
NNE	.1	.2	.4	.5	.0							1.2	10.1
NE	.1	.4	.5	.2	.0	.0						1.2	8.8
ENE	.2	.1	.2	.0								.6	5.8
E	.8	1.5	.7	.1								3.1	5.2
ESE	1.2	1.9	1.7	.1								4.9	5.6
SE	3.2	5.5	6.0	.3								15.1	5.9
SSE	.6	2.1	2.5	.3	.0							5.5	6.7
S	1.1	.9	1.2	.5	.1	.0						3.9	6.8
SSW	.2	.5	1.6	.9	.1	.1	.0					3.5	9.6
SW	.5	1.2	2.7	.9	.1	.1						5.3	8.3
WSW	.3	.7	1.3	.5	.0							2.9	7.9
W	1.0	1.4	4.0	2.1	.3							8.7	6.9
WNW	.1	1.5	4.9	2.7	.2	.0						9.5	9.4
NW	.8	3.0	9.1	2.8	.2	.0						13.6	8.3
NNW	.2	.7	2.9	.7	.1							4.6	8.4
VARBL													
CALM												10.3	
	10.8	22.9	41.0	13.2	1.4	.4	.1	.0				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

2970

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

3

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

STATION NAME

YEARS

OCT

MONTH

1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	2.5	.9	.4	.1							6.4	5.1
NNE	.5	1.0	.1	.1								1.7	4.5
NE	.8	.6	.3									1.7	4.1
ENE	.5	.3	.1									.8	3.8
E	.9	.5	.2									1.6	3.9
ESE	.7	.3	.1	.0								1.1	4.0
SE	1.7	1.4	.5									3.6	4.1
SSE	.3	.2	.1	.0								.6	4.7
S	1.3	1.3	.6	.5	.1							3.8	5.9
SSW	1.0	.8	.9	.3	.1							3.3	6.3
SW	1.6	2.0	1.1	.3	.1							5.1	5.7
WSW	.3	.6	.4	.2								1.7	5.7
W	2.4	2.0	1.8	.4	.0							6.6	5.5
WNW	1.3	1.6	2.4	1.1	.2							6.6	7.5
NW	3.5	5.1	5.1	1.4	.1							15.2	6.5
NNW	1.9	2.4	2.0	.3	.1							6.7	5.7
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	33.6	
	21.3	22.4	16.8	4.9	.8	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

2974

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39°-70° YEARS OCT MONTH

STATION NAME

YEARS

BIRTH

ALL WEATHER

2100-2300

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	1.4	.4	.2								4.8	3.9
NNE	.5	.3	.1	.1	.1							1.0	5.1
NE	.5	.1	.1		.0							.6	4.0
ENE	.2	.1	.0									.3	3.2
E	.6	.2	.0									.8	2.9
ESE	.3	.1	.0									.5	3.4
SE	.4	.4	.1									.9	3.0
SSE	.3	.2	.3	.1								.9	6.1
S	1.7	.7	.9	.3								3.6	5.2
SSW	.7	.7	.8	.1	.1							2.4	6.1
SW	1.4	1.1	.7	.2	.1							3.5	5.3
WSW	.5	.6	.3	.1								1.6	3.5
W	2.4	.9	.6	.2								4.1	4.1
WNW	.6	.8	1.7	.3	.1	.0						3.5	7.6
NW	4.3	2.8	3.1	1.0								11.9	5.9
NNW	1.8	2.0	.6	.3								4.7	4.8
VARBL													
CALM												54.7	
	19.3	12.5	9.7	3.6	.3	.0						100.0	2.4

TOTAL NUMBER OF OBSERVATIONS

2968

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

NOV

STATION NAME

YEARS

MONT

ALL WEATHER

0000-0200

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.5	.4	.1	.0	.0						3.7	4.6
NNE	.2	.2	.1	.0								.5	5.6
NE	.3	.1	.4	.1								.9	6.1
ENE	.2	.1	.3	.1	.0							.7	7.5
E	.2	.6	.7	.2								1.7	7.0
ESE	.2	.5	.4	.1	.0							1.2	6.8
SE	.7	.4	.5	.3	.1	.0						2.0	7.0
SSE	.2	.6	.5	.5	.1	.0	.0					2.0	9.0
S	.8	1.6	1.0	.8	.3							4.6	7.4
SSW	.3	.8	.8	.3	.1	.0						2.3	7.9
SW	1.2	.9	.5	.1								2.8	4.8
WSW	.3	.3	.3	.0								1.0	5.6
W	2.8	.6	.6	.1								4.0	3.4
WNW	.7	.7	1.2	.6		.0						3.2	7.6
NW	2.7	2.6	2.2	.7	.2	.0						8.4	6.0
NNW	1.7	1.5	.8	.2	.1							4.3	5.3
VARBL													
CALM												56.8	
	14.2	12.9	10.6	4.2	1.0	.2	.0					100.0	2.6

TOTAL NUMBER OF OBSERVATIONS

2879

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 NOV
STATION STATION NAME YEARS MONTH
ALL WEATHER HOURS (L.S.T.)
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	.8	.4	.2	.0	.0						3.1	6.1
NNE	.3	.3	.1									.7	4.0
NE	.5	.1	.2	.2								1.0	5.9
ENE	.2	.3	.2	.2								1.0	6.4
E	.2	.5	1.1	.2								1.9	7.3
ESE	.1	.4	.6	.0								1.1	6.3
SE	.3	.9	.5	.3								2.0	6.7
SSE	.1	.7	1.0	.5		.0						2.3	6.3
S	1.4	.9	1.3	1.0	.1		.0					4.7	7.5
SSW	.5	.8	.8	.2	.2	.0						2.6	7.7
SW	1.1	.7	.7	.2	.0							2.7	5.6
WSW	.3	.3	.2	.0								.9	5.1
W	2.5	.7	.8	.1								4.1	3.9
WNW	.6	.8	1.2	.3	.1	.0						3.0	7.2
NW	3.6	2.3	2.0	.6	.1	.0						8.6	5.4
NNW	2.5	1.1	.8	.2	.1	.1						4.7	4.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	55.4	
	15.9	11.6	11.8	4.2	.7	.2	.0					100.0	2.7

TOTAL NUMBER OF OBSERVATIONS

2880

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

NOV

STATION NAME

MONTH

YEARS

0600-0800
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	1.0	.7	.1	.0	.1						4.3	4.6
NNE	.5	.1	.0									.7	3.1
NE	.5	.2	.1	.1	.0							1.0	5.5
ENE	.3		.2	.1	.0							.6	7.2
E	.5	.8	1.1	.6	.0							3.1	7.6
ESE	.3	.6	.7	.1								1.6	6.4
SE	1.0	.6	1.2	.3	.1							3.2	6.5
SSE	.4	.6	1.2	.5	.1							2.8	8.3
S	1.9	1.7	1.7	.9	.2							6.5	6.5
SSW	.9	1.0	.6	.5	.0	.1						3.1	6.7
SW	1.0	.6	.5	.1	.0							2.3	5.2
WSW	.2	.1	.3	.1								.7	5.4
W	2.5	.6	.4									3.5	3.3
NNW	.8	.9	1.0	.6								3.3	6.9
NW	3.3	2.2	1.4	.6	.1							7.6	3.1
NNW	2.2	1.1	.5	.3	.1	.0						4.2	4.8
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	51.5	
	18.7	12.1	11.7	4.9	.8	.2						100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 2873

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

3

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL

39-70

NOV

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0900-1100

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	1.0	.3	.4	.1	.1						4.6	4.9
NNE	.5	.1	.2	.2	.2	.0						1.2	7.9
NE	1.3	.5	.5	.1								2.4	4.7
ENE	.5	.5	.3	.1	.0							1.6	5.8
E	3.5	2.7	2.4	1.0	.0							9.8	5.7
ESE	1.7	2.4	1.7	.6								6.3	5.8
SE	3.5	3.4	3.5	.6	.2	.0						11.2	6.0
SSE	.7	1.2	1.9	.8	.2							4.8	7.9
S	.8	1.2	2.3	1.2	.2							5.6	8.1
SSW	.4	.9	.8	.0	.1							2.7	7.7
SW	.6	.8	1.2	.4								3.0	6.9
WSW	.0	.0	.3	.2								.3	9.3
W	.6	.3	.7	.2								1.0	6.7
WNW	.2	.5	1.3	.6								2.6	8.5
NW	1.0	1.4	2.1	.6	.2							5.4	7.6
NNW	1.0	1.3	.8	.5	.3	.1	.0					3.9	7.6
VARBL													
CALM												32.6	
	19.0	18.2	20.5	7.9	1.5	.2	.0					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

2878

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 NOV
STATION STATION NAME YEARS MONTH
ALL WEATHER HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.4	.5	.7	.2	.1	.0	.0				2.2	10.4
NNE	.1	.1	.3	.3	.1							.9	9.5
NE	.5	.4	.5	.2	.1							1.7	7.5
ENE	.8	.7	1.0	.1	.0							2.6	5.7
E	3.5	5.4	3.0	1.1	.1							14.0	6.0
ESE	2.3	4.4	3.0	.8								10.5	6.0
SE	5.0	8.3	7.2	1.1	.1	.0						21.8	6.0
SSE	.9	1.7	2.2	.8	.3							5.9	7.6
S	.5	1.1	2.0	1.3	.2	.0						5.2	9.0
SSW	.1	.3	1.7	1.1	.1	.0						3.4	10.1
SW	.2	.9	2.4	.7	.1							4.2	8.7
WSW	.1	.3	1.1	.1	.1							1.6	8.2
W	.1	.7	1.7	.8	.1							3.5	9.2
WNW	.2	.4	1.7	1.0	.1							3.4	9.6
NW	.3	1.0	2.4	1.0	.1							4.7	8.6
NNW	.1	.3	1.0	.4	.2	.1						2.1	10.3
VARBL													
CALM												12.4	
	15.0	26.3	32.7	11.3	1.9	.3	.0	.0				100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

2879

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 NOV
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 1500-1700
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.3	.8	.5	.1	.0	.0	.0				2.3	9.2
NNE	.1	.3	.1	.1								.6	6.6
NE	.4	.2	.5	.1	.1							1.3	7.3
ENE	.5	.6	.4	.2								1.7	6.2
E	1.7	2.3	2.1	.7	.0							6.7	6.2
ESE	1.2	1.4	1.5	.2	.1							4.3	5.9
SE	3.8	4.3	2.7	.5	.0							11.3	5.2
SSE	1.0	1.9	1.6	.5	.2	.1						5.2	6.8
S	2.0	1.7	1.9	.9	.2	.1						6.7	6.8
SSW	.5	1.1	1.2	.9	.1							3.8	8.0
SW	1.4	1.6	2.2	.7	.1	.0						6.0	6.9
WSW	.2	1.0	.9	.1								2.2	6.5
W	1.4	1.9	2.7	.5	.0							6.5	6.7
WNW	.7	1.6	2.9	1.1	.1							6.4	7.9
NW	1.0	2.2	3.8	.9	.1	.0						8.0	7.6
NNW	.2	.6	1.0	.2	.1							2.1	7.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	24.9	
	16.3	23.0	26.2	8.0	1.2	.2	.0	.0				100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 2879

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211

HAMILTON AFB CALIF/SAN RAFAEL

39-70

YEARS

NOV

MONT

STATION

STATION NAME

ALL WEATHER

CLASS

1800-2000

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.1	.5	.1								3.4	4.0
NNE	.4	.3	.3			.0						1.0	5.4
NE	.6	.2	.2	.2								1.1	5.3
ENE	.1	.1	.2									.5	5.9
E	.6	1.0	1.3	.2	.1	.0						3.3	7.0
ESE	.3	.3	.3	.1								1.1	6.2
SE	.8	.9	.3	.3	.1							2.4	6.1
SSE	.5	.5	.7	.4	.1	.1						2.3	8.5
S	1.5	1.3	1.5	.8	.1	.0						3.2	6.9
SSW	.9	1.2	.8	.2	.0							3.2	5.9
SW	1.7	1.6	1.0	.6								4.9	5.6
WSW	.7	.8	.6									2.1	4.9
W	3.9	1.8	1.4	.3	.0							7.3	4.5
WNW	1.2	1.2	1.8	.8	.1	.0						5.1	7.2
NW	3.4	2.7	2.9	1.3	.1	.0						10.5	6.4
NNW	2.1	1.6	1.0	.2	.0	.0						5.0	5.1
VARBL													
CALM												41.7	
	20.6	16.5	14.7	5.5	.8	.2						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

2878

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

NOV

STATION NAME

YEARS

MONT

STATION

2100-2300

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.6	.5	.1		.0						2.9	4.3
NNE	.3	.1	.1	.1	.0							.7	5.9
NE	.6	.2	.1	.1								1.0	5.1
ENE	.2	.2	.1	.1								.7	6.8
E	.2	.7	.5	.2	.1	.0						1.7	7.5
ESE	.3	.4	.5	.2								1.5	6.6
SE	.8	.5	.4	.2	.0							1.8	5.4
SSE	.2	.5	.5	.5	.1	.0						1.8	6.4
S	1.2	1.3	1.1	.8	.2							4.6	7.1
SSW	.8	.5	.5	.5	.2	.0						2.4	7.9
SW	1.7	1.1	1.2	.3	.1							4.4	5.8
WSW	.2	.5	.4	.1								1.2	6.2
W	3.3	1.1	.9	.2								5.5	4.0
WNW	1.0	.7	1.2	.8	.1							3.8	7.4
NW	4.4	2.3	2.7	1.0	.1	.0						10.6	5.7
NNW	1.0	1.4	.8	.4								4.4	5.2
VARBL													
CALM												50.9	
	18.9	12.0	11.5	5.6	1.0	.2						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS

2879

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

3

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 DECEMBER

STATION NAME

YEARS

MONT

ALL WEATHER

CLASS

0000-0200

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	1.0	.4	.2	.0	.1	.0					3.6	5.0
NNE	.3	.2	.1	.1	.1							.8	6.7
NE	.5	.6	.6	.1								1.7	5.8
ENE	.5	1.0	.7	.3	.1							2.6	6.6
E	1.1	2.3	3.4	1.4	.2							8.4	8.0
ESE	.5	.8	.9	.4	.2							2.8	7.9
SE	.7	1.0	.9	.8	.1							3.5	7.8
SSE	.2	.8	.8	.7	.2	.0						2.8	9.0
S	1.1	1.7	1.2	.8	.4	.2						5.4	8.1
SSW	.3	.8	.6	.6	.4	.1						2.8	10.0
SW	1.1	1.1	.8	.3	.2	.0	.0					3.5	6.9
WSW	.2	.3	.2		.0							.7	5.9
W	2.2	.6	.7	.2	.0							3.7	4.4
WNW	.5	.3	.9	.2	.0							1.9	7.3
NW	2.8	2.0	1.9	.5	.0							7.3	5.4
NNW	1.4	1.1	1.2	.2	.1							4.0	5.7
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	44.6	
	15.3	15.4	15.5	6.7	2.1	.5	.1					100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

2975

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23211 HAMILTON AFB CALIF/SAN RAFAEL

STATION NAME

39-70

YEARS

DEC

MONTH

ALL WEATHER

CLASB

0300-0500

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	1.1	.3	.2		.0	.0	.0				3.7	4.9
NNE	.4	.4	.3	.1								1.2	5.6
NE	.5	.7	.1	.1								1.4	4.7
ENE	.4	.7	.9	.4	.0							2.4	7.2
E	.9	2.6	4.3	1.8	.4	.0						10.1	8.4
ESE	.4	.9	1.0	.5	.2	.0						3.0	8.2
SE	.6	1.0	1.1	.7	.1	.0						3.6	7.8
SSE	.4	.5	.9	.7	.1							2.6	8.3
S	1.5	1.2	1.6	1.0	.3	.2		.0				5.6	8.2
SSW	.4	.8	.7	.3	.2	.2						2.7	9.1
SW	.8	.8	1.1	.4	.3	.1						3.5	8.0
WSW	.1	.2	.3	.1	.0							.6	7.2
W	1.9	.9	.6	.2								3.6	4.2
WNW	.5	.3	.7	.3								2.1	6.8
NW	2.6	1.9	1.7	.8	.0							7.0	5.7
NNW	1.2	1.2	.9	.3								2.7	5.5
VARBL	.												
CALM	X	X	X	X	X	X	X	X	X	X	X	42.8	
	14.6	15.8	16.5	7.9	1.6	.6	.0	.1				100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

2975

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 YEARS DEC
STATION STATION NAME MONTH
ALL WEATHER 0600-0800
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	1.1	.3	.2	.0				.0			3.9	4.4
NNE	.4	.3	.2	.1	.0							1.0	5.3
NE	.6	.5	.5	.0					.0	.0		1.8	6.7
ENE	.3	1.0	1.0	.5								2.8	7.3
E	.9	2.8	4.1	1.8	.5	.1						10.2	8.3
ESE	.6	1.0	.9	.6	.1	.1						3.3	7.7
SE	1.1	1.2	1.3	1.1	.2							4.9	7.6
SSE	.4	.2	1.3	.6	.2	.0						2.8	9.6
S	1.5	1.4	1.5	.8	.5	.2	.0					6.0	8.3
SSW	.3	.5	1.1	.4	.2		.0					2.6	8.9
SW	.9	.8	.5	.2	.2							2.6	6.2
WSW	.3	.3	.3	.2								1.1	6.4
W	1.3	.8	.3	.2	.1	.0						2.9	5.3
WNW	.7	.4	.8	.4								2.3	6.7
NW	2.6	1.5	1.3	.6	.0	.1						6.2	5.5
NNW	1.9	1.4	1.0	.2	.1							4.6	3.1
VARBL													
CALM												41.1	
	16.1	15.5	16.6	7.9	2.2	.5	.1	.0	.1			100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

2975

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 DECEMBER

STATION NAME

YEARS

MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.3	.9	.7	.3	.1							4.3	4.9
NNE	.6	.6	.3	.2	.0							1.8	6.4
NE	.9	1.0	.8	.1	.1							3.0	6.6
ENE	.5	1.1	1.4	.3	.1							3.3	7.1
E	2.9	4.0	5.2	2.9	.6	.1						15.6	7.8
ESE	1.1	1.8	2.1	.7	.1	.1						5.9	7.3
SE	2.7	2.4	2.6	.8	.3							8.8	6.4
SSE	.7	.8	1.3	.6	.1	.1	.1					3.6	8.2
S	.9	1.1	1.4	.8	.7	.1						4.9	9.2
SSW	.4	.5	.7	.5	.2	.1	.0					2.5	10.1
SW	.7	.7	.8	.4	.2		.0					2.9	7.6
WSW	.0	.2	.4	.1	.1							.8	9.3
W	.1	.3	.6	.3	.1							1.4	9.0
WNW	.2	.6	.7	.6	.1							2.2	8.8
NW	1.2	1.1	1.5	1.1	.1							5.0	7.7
NNW	.7	.8	1.2	.5	.1							3.4	7.5
VARBL													
CALM												30.4	
	16.0	17.8	21.9	10.4	2.8	.5	.1		.1			100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

2975

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
AR 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 YEARS DEC
STATION NAME STATION NUMBER MONTH

ALL WEATHER

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	.9	.2	.1	.1						2.7	6.7
NNE	.2	.4	.3	.3	.1	.1		.0				1.4	9.9
NE	.0	.6	.5	.4				.0				2.2	7.2
ENE	1.1	1.3	1.0	.3	.0							3.8	5.0
E	3.9	5.0	6.5	3.1	.5							19.4	7.3
ESE	2.0	3.7	3.2	1.3	.1	.1	.1					10.5	7.0
SE	3.9	5.1	3.9	.8	.2							13.9	5.9
SSE	.8	1.5	1.6	.6	.2	.0						4.7	7.5
S	.3	.6	1.4	1.2	.2							3.7	9.5
SSW	.2	.7	1.2	1.0	.5	.2	.0					3.8	11.4
SW	.4	.4	1.4	.7	.1	.1						3.1	9.1
WSW	.1	.1	.5	.3	.0							1.0	9.5
W	.2	.6	1.3	.9	.1							3.2	9.1
WNW	.1	.3	1.4	.8	.1							2.7	9.6
NW	.3	.7	2.5	1.2	.3	.0						5.1	9.3
NNW	.2	.3	1.3	.4	.0							2.3	8.4
VARBL													
CALM												16.5	
	15.1	22.4	29.2	13.4	2.6	.6	.1	.1				100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

2974

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 YEARS DEC
STATION NAME CLASS MONTH
ALL WEATHER HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.5	.4	.3	.1							2.2	6.5
NNE	.4	.2	.2	.2	.0	.1						1.1	7.7
NE	.7	.6	.3	.2	.1		.0	.0				1.9	7.1
ENE	.5	.8	.5	.3	.0							2.1	6.3
E	2.0	3.7	4.9	2.9	.2							14.6	7.5
ESE	1.8	2.5	2.1	1.2	.4	.0						7.9	7.3
SE	3.2	2.5	2.3	.6	.1							8.8	5.7
SSE	.7	1.2	.7	.3	.1							3.1	6.6
S	1.8	1.6	1.4	1.1	.2	.1						6.3	7.3
SSW	.5	.7	1.4	.7	.5	.0						3.8	9.6
SW	1.0	1.3	1.6	.6	.2	.1	.0					4.8	7.4
WSW	.1	.3	.8		.0							1.2	7.3
W	1.3	.9	2.1	.5	.1							5.0	7.0
WNW	.4	.8	2.2	.8	.1							4.2	8.3
NW	1.1	1.2	2.9	.9	.1							6.2	7.4
NNW	.4	.5	1.0	.4	.1							2.4	7.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	24.4	
	17.5	19.4	24.9	11.0	2.4	.3	.1	.0				100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

2973

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23211 HAMILTON AFD CALIF/SAN RAFAEL

39-70

DEC

STATION

STATION NAME

YEARS

MONT

ALL WEATHER

1800-2000

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.5	.5	.3	.1		.0					2.7	6.1
NNE	.3	.2	.1	.1	.0							.7	6.0
NE	.4	.5	.4	.2								1.2	5.5
ENE	.3	.6	.7	.4								2.0	7.6
E	1.6	2.3	3.7	1.7	.2							9.5	7.7
ESE	.4	.9	.9	.6	.2							3.2	8.3
SE	1.2	1.5	1.3	.5	.1	.0						4.6	6.5
SSE	.3	.6	.4	.5	.1							1.9	8.4
S	1.6	1.3	1.1	1.2	.3	.1	.1					5.8	8.2
SSW	1.0	.9	.7	.6	.3	.0						3.6	7.8
SW	1.0	1.5	1.1	.4		.0						4.8	5.4
WSW	.2	.6	.3	.1	.0							1.3	6.2
W	2.7	1.0	1.0	.5	.0	.0	.1					5.4	5.5
WNW	.7	1.3	1.2	.7	.1							4.1	7.2
NW	2.5	2.0	2.0	.8	.0	.0						8.2	6.0
NNW	1.1	.5	.7	.2	.1							2.7	5.9
VARBL													
CALM												38.5	
	17.2	17.4	16.1	8.7	1.6	.3	.2					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 2969

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
AK 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 DEC
STATION STATION NAME YEARS MONTH
ALL WEATHER 2100-2300
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	.7	.4	.3	.0	.1						3.3	5.0
NNE	.4	.3	.2	.2	.1	.0						1.4	8.6
NE	.5	.4	.5	.1								1.5	5.5
ENE	.3	.7	.6	.2								1.9	6.4
E	1.0	2.4	3.0	1.4	.1							7.8	7.5
ESE	.3	.9	1.1	.6	.1							3.0	8.5
SE	1.0	.8	.7	.8	.2							3.7	7.7
SSE	.4	.5	1.0	.4	.2							2.5	8.4
S	1.3	1.2	1.1	1.0	.2	.1						4.9	7.6
SSW	.7	.9	.8	.5	.2	.2						3.3	8.5
SW	1.4	1.0	1.0	.4	.1							4.0	6.1
WSW	.3	.4	.4	.2								1.3	6.1
W	2.4	.8	.8	.2	.0	.1						4.4	4.7
WNW	.5	1.0	1.0	.6	.1							3.1	7.4
NW	2.5	1.8	2.3	.6	.2	.0						7.4	6.3
NNW	1.4	1.0	.7	.2	.1	.0						3.5	5.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	43.2	
	16.3	14.7	15.8	7.8	1.7	.3						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

2971

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 ALL
STATION STATION NAME YEARS ALL
INSTRUMENT CLASS NORTH
CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE, ALL
CONDITION HOURS (L.S.T.)
AND/UR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.9	.3	.0	.0	.0						3.4	3.5
NNE	.4	.3	.1	.0	.0							.8	4.3
NE	.8	.6	.4	.1								1.9	4.8
ENE	.5	.8	.7	.3	.0							2.2	6.5
E	1.5	3.0	4.3	1.9	.2	.0						10.9	7.8
ESC	.6	1.0	1.2	.5	.1	.0	.0					3.4	7.5
SE	1.2	1.4	1.7	.7	.1	.0	.0	.0				5.1	7.1
SSE	.4	.7	1.3	.9	.3	.1	.0					5.7	9.4
S	1.3	1.5	2.2	1.6	.6	.2	.0	.0				7.5	9.1
SSW	.9	1.2	1.8	1.5	.5	.3	.0	.0	.0	.0		6.3	9.9
SW	1.9	2.0	1.8	.9	.2	.1	.0	.0				6.8	6.9
WSW	.5	.9	.6	.1	.0	.0						2.3	6.0
W	1.7	.9	.5	.1	.0	.0						3.2	4.3
WNW	.6	.6	.3	.1	.0							1.7	5.1
NW	2.0	1.6	.7	.1	.0	.0						4.9	4.2
NNW	1.5	1.1	.4	.0								3.0	4.0
VARBL													
CALM												32.9	
	18.5	18.7	18.1	8.8	2.1	.7	.1	.0	.0	.0		100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 33837

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed \geq 0.
For instance, from the table: Ceiling \geq 1500 feet = 92.6%.
Ceiling \geq 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:

Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling > 1500 feet with visibility > 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

ALL

YEARS

MONTH

HOURS (EST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	51.7	59.9	61.0	61.8	62.5	62.6	62.9	63.0	63.0	63.3	63.3	63.4	63.5	63.5	63.7	63.9
≥ 18000	56.7	66.1	67.9	68.4	69.2	69.4	69.4	69.7	69.9	70.1	70.2	70.2	70.4	70.4	70.6	70.9
≥ 16000	57.0	66.5	67.8	68.8	69.6	69.8	70.1	70.2	70.2	70.5	70.6	70.6	70.8	70.8	71.0	71.2
≥ 14000	57.8	67.5	68.9	69.9	70.7	70.9	71.2	71.4	71.4	71.7	71.7	71.8	71.9	71.9	72.1	72.4
≥ 12000	58.8	68.6	70.1	71.1	72.0	72.1	72.5	72.6	72.7	73.0	73.0	73.1	73.2	73.3	73.4	73.7
≥ 10000	59.5	69.5	71.0	72.1	73.0	73.2	73.5	73.7	73.7	74.0	74.1	74.1	74.3	74.3	74.5	74.7
≥ 9000	59.8	69.8	71.3	72.4	73.3	73.5	73.9	74.0	74.1	74.3	74.4	74.4	74.6	74.6	74.8	75.1
≥ 8000	60.2	70.4	71.9	73.0	73.9	74.1	74.5	74.7	74.7	75.0	75.1	75.1	75.3	75.3	75.5	75.7
≥ 7000	60.6	70.9	72.4	73.5	74.5	74.7	75.0	75.2	75.2	75.5	75.6	75.6	75.8	75.8	76.0	76.3
≥ 6000	61.0	71.3	72.9	74.0	74.9	75.1	75.5	75.7	75.7	76.0	76.1	76.1	76.3	76.3	76.5	76.8
≥ 5000	61.5	71.9	73.5	74.7	75.7	75.9	76.2	76.4	76.5	76.8	76.8	76.9	77.0	77.0	77.2	77.5
≥ 4500	61.8	72.3	73.9	75.1	76.1	76.3	76.7	76.8	76.9	77.2	77.3	77.3	77.4	77.5	77.6	77.9
≥ 4000	62.3	73.0	74.7	75.9	76.9	77.1	77.5	77.7	77.7	78.0	78.1	78.1	78.3	78.3	78.5	78.7
≥ 3500	62.9	73.6	75.4	76.6	77.6	77.8	78.3	78.4	78.5	78.8	78.9	78.9	79.0	79.1	79.3	79.5
≥ 3000	64.0	75.1	76.8	78.1	79.1	79.3	79.7	79.9	80.0	80.3	80.4	80.4	80.5	80.6	80.8	81.0
≥ 2500	65.3	76.6	78.4	79.7	80.8	81.0	81.4	81.6	81.7	82.0	82.1	82.1	82.3	82.3	82.5	82.7
≥ 2000	67.0	78.9	80.7	82.1	83.3	83.5	84.0	84.2	84.2	84.6	84.7	84.7	84.8	84.9	85.1	85.3
≥ 1800	67.5	79.5	81.4	82.8	84.0	84.2	84.7	85.0	85.0	85.3	85.4	85.5	85.6	85.7	85.9	86.1
≥ 1500	68.6	81.1	83.1	84.6	85.9	86.2	86.7	87.0	87.1	87.4	87.5	87.5	87.7	87.7	87.9	88.2
≥ 1200	69.9	82.8	85.0	86.7	88.2	88.5	89.1	89.4	89.4	89.8	89.9	89.9	90.1	90.2	90.4	90.6
≥ 1000	70.7	84.1	86.4	88.2	89.3	90.2	90.8	91.2	91.2	91.7	91.8	91.8	92.0	92.0	92.2	92.5
≥ 900	71.0	84.7	87.0	88.9	90.7	91.0	91.8	92.1	92.2	92.7	92.8	92.8	93.0	93.0	93.2	93.5
≥ 800	71.4	85.3	87.7	89.8	91.7	92.0	92.8	93.3	93.3	93.8	94.0	94.0	94.2	94.2	94.4	94.7
≥ 700	71.6	85.8	88.3	90.4	92.4	92.8	93.7	94.2	94.2	94.8	94.9	95.0	95.2	95.2	95.4	95.7
≥ 600	71.8	86.1	88.6	90.8	93.0	93.4	94.4	94.9	95.0	95.6	95.8	95.8	96.0	96.0	96.2	96.5
≥ 500	71.8	86.3	88.8	91.1	93.4	93.9	95.0	95.6	95.7	96.4	96.6	96.6	96.8	96.9	97.1	97.3
≥ 400	71.8	86.3	88.9	91.2	93.6	94.1	95.4	96.0	96.1	96.9	97.1	97.1	97.4	97.4	97.7	97.9
≥ 300	71.9	86.3	88.9	91.3	93.7	94.2	95.5	96.2	96.4	97.3	97.5	97.5	97.8	97.9	98.1	98.4
≥ 200	71.9	86.3	88.9	91.3	93.7	94.3	95.6	96.3	96.5	97.4	97.7	97.8	98.1	98.2	98.5	98.8
≥ 100	71.9	86.3	88.9	91.3	93.7	94.3	95.0	96.3	96.5	97.5	97.8	97.8	98.2	98.3	98.7	99.1
≥ 0	71.9	86.3	88.9	91.3	93.7	94.3	95.6	96.3	96.5	97.5	97.8	97.8	98.3	98.3	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS

78144

USAF ETAC FORM 01-64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 40-70 YEARS ALL MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	29.2	36.4	38.6	40.3	42.1	42.6	43.5	43.9	44.0	44.4	44.7	44.7	45.0	45.1	45.4	46.0
≥ 20000	31.8	40.2	42.7	44.8	46.7	47.2	48.2	48.7	48.8	49.4	49.6	49.4	50.0	50.1	50.4	51.0
≥ 18000	31.9	40.5	43.0	45.2	47.0	47.6	48.6	49.1	49.2	49.7	50.0	50.0	50.4	50.5	50.4	51.4
≥ 16000	32.0	40.7	43.3	45.4	47.3	47.9	48.9	49.4	49.5	50.0	50.3	50.3	50.7	50.8	51.1	51.7
≥ 14000	32.8	41.7	44.4	46.6	48.6	49.1	50.2	50.7	50.8	51.4	51.6	51.6	52.0	52.1	52.4	53.0
≥ 12000	33.5	42.9	45.6	48.0	50.1	50.7	51.7	52.3	52.4	52.9	53.2	53.2	53.6	53.7	54.1	54.7
≥ 10000	34.3	44.0	46.9	49.4	51.5	52.2	53.2	53.8	53.9	54.5	54.7	54.8	55.1	55.3	55.6	56.2
≥ 9000	34.6	44.4	47.4	49.9	52.0	52.7	53.7	54.3	54.6	55.0	55.2	55.3	55.6	55.3	56.1	56.7
≥ 8000	35.3	45.3	48.3	50.0	53.0	53.7	54.6	55.4	55.5	56.1	56.3	56.3	56.7	56.8	57.2	57.8
≥ 7000	35.7	45.9	48.9	51.5	53.8	54.5	55.6	56.2	56.3	56.9	57.2	57.2	57.6	57.7	58.0	58.7
≥ 6000	36.1	46.6	49.6	52.3	54.6	55.2	56.4	57.0	57.1	57.7	58.0	58.0	58.4	58.5	58.8	59.5
≥ 5000	36.7	47.3	50.7	53.4	55.8	56.3	57.7	58.3	58.5	59.0	59.3	59.3	59.7	59.8	60.2	60.8
≥ 4500	37.0	48.0	51.3	54.1	56.5	57.2	58.4	59.0	59.2	59.7	60.0	60.0	60.4	60.5	60.9	61.5
≥ 4000	37.8	49.2	52.5	55.4	57.9	58.6	59.9	60.5	60.6	61.2	61.4	61.4	61.9	62.0	62.3	63.0
≥ 3500	38.7	50.4	53.8	56.7	59.3	60.0	61.3	61.9	62.0	62.6	62.9	62.9	63.3	63.4	63.8	64.4
≥ 3000	39.9	52.1	55.7	58.7	61.4	62.1	63.4	64.1	64.2	64.8	65.1	65.1	65.5	65.6	66.0	66.6
≥ 2500	41.1	53.8	57.6	60.7	63.5	64.3	65.6	66.3	66.5	67.1	67.3	67.4	67.8	67.9	68.3	68.9
≥ 2000	42.9	56.7	60.8	64.2	67.3	68.1	69.6	70.4	70.5	71.2	71.5	71.5	71.9	72.1	72.4	73.0
≥ 1800	43.2	57.2	61.4	64.8	68.1	68.9	70.4	71.2	71.4	72.1	72.4	72.4	72.8	72.9	73.3	73.9
≥ 1500	43.9	58.6	63.1	66.8	70.6	71.4	73.1	74.0	74.1	74.9	75.3	75.3	75.7	75.9	76.2	76.9
≥ 1200	44.4	59.3	64.6	68.8	73.1	74.1	76.1	77.1	77.2	78.2	78.5	78.5	79.0	79.1	79.5	80.1
≥ 1000	44.6	60.5	65.5	70.1	74.9	75.9	78.1	79.3	79.5	80.5	80.9	80.9	81.4	81.6	81.9	82.6
≥ 900	44.7	60.8	65.9	70.8	76.0	77.1	79.5	80.7	81.0	82.1	82.5	82.5	83.0	83.1	83.5	84.2
≥ 800	44.8	61.1	66.4	71.7	77.3	78.5	81.1	82.6	82.8	84.2	84.6	84.6	85.1	85.3	85.6	86.3
≥ 700	44.9	61.3	66.6	72.3	78.3	79.5	82.5	84.1	84.4	85.9	86.3	86.4	86.9	87.0	87.4	88.1
≥ 600	44.9	61.4	66.9	72.7	79.0	80.4	83.7	85.5	85.9	87.6	88.0	88.1	88.6	88.8	89.2	89.8
≥ 500	44.9	61.5	67.0	73.0	79.8	81.3	84.9	87.0	87.3	89.3	89.9	89.9	90.6	90.7	91.1	91.8
≥ 400	44.9	61.5	67.0	73.1	80.1	81.7	83.6	87.9	88.1	90.6	91.3	91.4	92.1	92.2	92.7	93.4
≥ 300	44.9	61.5	67.0	73.2	80.3	81.9	86.0	88.5	89.0	91.6	92.5	92.6	93.4	93.6	94.2	94.9
≥ 200	44.9	61.5	67.0	73.2	80.3	82.0	86.2	88.7	89.1	92.1	93.2	93.3	94.3	94.6	95.2	96.1
≥ 100	44.9	61.5	67.0	73.2	80.3	82.0	86.2	88.8	89.1	92.2	93.3	93.4	94.6	94.9	95.9	97.2
≥ 0	44.9	61.5	67.0	73.2	80.3	82.0	86.2	88.8	89.1	92.2	93.3	93.4	94.7	95.0	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS 23049

USAF ETAC FORM 10-64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 40-70

YEARS

MONTH

ALL

HOURS (EST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.5	46.7	48.3	49.3	50.0	50.2	50.5	50.7	50.8	51.1	51.2	51.2	51.4	51.4	51.6	51.8
≥ 20000	44.6	52.1	53.9	55.1	56.1	56.3	56.7	56.9	57.0	57.3	57.5	57.5	57.7	57.7	57.9	58.2
≥ 18000	45.0	52.6	54.3	55.6	56.6	56.8	57.2	57.4	57.5	57.8	57.9	57.9	58.2	58.2	58.4	58.7
≥ 16000	45.4	53.1	54.9	56.1	57.1	57.4	57.8	58.0	58.0	58.4	58.4	58.4	58.7	58.8	59.0	59.3
≥ 14000	46.3	54.5	56.4	57.7	58.9	59.1	59.5	59.8	59.8	60.2	60.3	60.3	60.5	60.6	60.8	61.1
≥ 12000	47.6	56.1	58.1	59.5	60.6	60.9	61.3	61.6	61.6	62.0	62.2	62.2	62.4	62.5	62.7	63.0
≥ 10000	48.6	57.3	59.6	61.0	62.2	62.6	63.0	63.2	63.3	63.7	63.8	63.9	64.1	64.2	64.4	64.7
≥ 9000	49.0	58.0	60.1	61.6	62.8	63.1	63.6	63.8	63.9	64.2	64.4	64.4	64.7	64.7	64.9	65.2
≥ 8000	50.0	59.1	61.2	62.7	64.0	64.4	64.8	65.1	65.1	65.5	65.7	65.7	65.9	66.0	66.2	66.5
≥ 7000	50.9	60.2	62.4	64.0	65.3	65.7	66.1	66.4	66.5	66.9	67.0	67.0	67.3	67.4	67.6	67.9
≥ 6000	51.5	61.1	63.3	64.9	66.2	66.6	67.1	67.3	67.4	67.8	67.9	68.0	68.2	68.3	68.5	68.8
≥ 5000	52.5	62.4	64.7	66.3	67.7	68.1	68.5	68.8	68.9	69.3	69.4	69.4	69.7	69.8	70.0	70.2
≥ 4500	53.0	67.1	65.4	67.1	68.4	68.8	69.3	69.6	69.6	70.0	70.2	70.2	70.5	70.5	71.0	71.0
≥ 4000	54.0	74.3	66.7	68.4	69.9	70.2	70.7	71.0	71.0	71.5	71.6	71.7	71.9	72.0	72.2	72.5
≥ 3500	54.9	65.5	68.0	69.7	71.1	71.5	72.0	72.3	72.4	72.8	73.0	73.0	73.2	73.3	73.5	73.8
≥ 3000	56.5	67.7	70.2	72.0	73.6	74.0	74.5	74.8	74.9	75.3	75.5	75.5	75.8	75.8	76.1	76.4
≥ 2500	58.0	69.7	72.4	74.3	75.9	76.3	76.9	77.3	77.3	77.8	77.9	78.0	78.2	78.3	78.5	78.8
≥ 2000	59.7	72.3	75.2	77.3	79.1	79.5	80.2	80.6	80.6	81.1	81.3	81.3	81.6	81.6	81.9	82.2
≥ 1800	60.2	73.1	76.1	78.3	80.1	80.6	81.2	81.7	81.7	82.2	82.4	82.4	82.7	82.8	83.0	83.3
≥ 1500	61.2	74.8	78.0	80.4	82.5	83.0	83.7	84.2	84.3	84.8	85.0	85.1	85.3	85.4	85.6	85.9
≥ 1200	62.0	76.4	79.8	82.4	84.7	85.3	86.2	86.8	86.9	87.5	87.7	87.7	88.0	88.0	88.3	88.6
≥ 1000	62.3	77.4	81.0	83.8	86.4	87.0	88.1	88.7	88.8	89.5	89.6	89.7	89.9	90.0	90.2	90.5
≥ 900	62.5	77.8	81.5	84.4	87.1	87.8	89.0	89.7	89.8	90.5	90.7	90.7	91.0	91.1	91.3	91.6
≥ 800	62.6	78.2	82.0	85.1	87.9	88.7	90.1	90.9	91.0	91.8	92.0	92.0	92.3	92.4	92.6	92.9
≥ 700	62.7	78.4	82.3	85.6	88.6	89.4	90.9	91.7	91.9	92.7	93.0	93.0	93.3	93.4	93.6	93.9
≥ 600	62.7	78.5	82.5	85.8	88.9	89.8	91.4	92.4	92.5	93.5	93.8	93.8	94.1	94.2	94.4	94.7
≥ 500	62.7	78.6	82.6	86.0	89.3	90.2	92.0	93.1	93.2	94.4	94.7	94.7	95.0	95.1	95.4	95.7
≥ 400	62.8	78.7	82.7	86.2	89.6	90.6	92.5	93.7	93.8	95.2	95.5	95.5	95.9	96.0	96.2	96.6
≥ 300	62.8	78.7	82.7	86.2	89.7	90.7	92.7	94.0	94.2	95.7	96.1	96.1	96.5	96.6	96.9	97.3
≥ 200	62.8	78.7	82.7	86.2	89.7	90.7	92.8	94.1	94.3	95.9	96.4	96.4	96.9	97.0	97.4	97.9
≥ 100	62.8	78.7	82.7	86.2	89.7	90.7	92.8	94.1	94.3	96.0	96.5	96.5	97.1	97.3	97.8	98.4
≥ 0	62.8	78.7	82.7	86.2	89.7	90.7	92.8	94.1	94.3	96.0	96.5	96.5	97.1	97.3	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS () 21009

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 YEARS MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ 4	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.8	55.0	55.5	55.7	55.9	55.9	56.0	56.0	56.0	56.1	56.1	56.1	56.2	56.2	56.3	56.6
≥ 20000	58.5	62.9	64.5	64.8	65.0	65.1	65.2	65.3	65.3	65.4	65.4	65.4	65.5	65.5	65.7	65.9
≥ 18000	56.8	64.2	64.8	65.1	65.4	65.4	65.5	65.6	65.6	65.7	65.7	65.7	65.8	65.9	66.0	66.2
≥ 16000	59.2	64.7	65.3	65.4	65.9	65.9	66.1	66.1	66.1	66.2	66.3	66.3	66.4	66.4	66.5	66.7
≥ 14000	60.5	66.1	66.7	67.1	67.3	67.3	67.5	67.5	67.6	67.7	67.7	67.8	67.8	67.9	68.1	
≥ 12000	62.1	67.8	68.5	68.8	69.1	69.1	69.2	69.3	69.3	69.4	69.4	69.4	69.5	69.6	69.7	69.9
≥ 10000	63.5	69.4	70.1	70.4	70.7	70.7	70.9	70.9	70.9	71.0	71.1	71.1	71.2	71.2	71.3	71.6
≥ 9000	64.0	69.9	70.6	71.0	71.3	71.3	71.4	71.5	71.5	71.6	71.6	71.7	71.7	71.8	71.9	72.1
≥ 8000	64.8	70.8	71.5	71.9	72.2	72.2	72.4	72.4	72.4	72.6	72.6	72.6	72.7	72.7	72.9	73.1
≥ 7000	65.6	71.8	72.5	72.9	73.2	73.2	73.3	73.4	73.4	73.5	73.5	73.6	73.7	73.7	73.9	74.0
≥ 6000	66.4	72.7	73.4	73.8	74.1	74.1	74.3	74.3	74.3	74.5	74.5	74.5	74.6	74.6	74.8	75.0
≥ 5000	67.5	74.0	74.8	75.2	75.5	75.5	75.6	75.7	75.7	75.8	75.9	75.9	76.0	76.0	76.1	76.4
≥ 4500	68.2	74.7	75.5	75.9	76.2	76.3	76.4	76.5	76.5	76.6	76.6	76.6	76.7	76.8	76.9	77.1
≥ 4000	69.5	76.3	77.1	77.6	77.9	77.9	78.1	78.1	78.1	78.3	78.3	78.3	78.4	78.4	78.6	78.8
≥ 3500	70.7	77.8	78.6	79.1	79.4	79.4	79.6	79.6	79.6	79.7	79.8	79.8	79.9	79.9	80.0	80.3
≥ 3000	72.7	80.1	81.0	81.5	81.8	81.9	82.0	82.0	82.1	82.2	82.2	82.2	82.3	82.3	82.5	82.7
≥ 2500	75.1	82.9	83.9	84.4	84.8	84.8	85.0	85.0	85.1	85.2	85.2	85.2	85.3	85.3	85.5	85.7
≥ 2000	77.7	86.3	87.4	88.1	88.5	88.6	88.8	88.8	88.8	89.0	89.0	89.0	89.1	89.2	89.3	89.5
≥ 1800	78.3	87.1	88.3	89.0	89.4	89.4	89.6	89.6	89.7	89.7	89.9	89.9	89.9	90.0	90.1	90.4
≥ 1500	79.7	89.1	90.4	91.2	91.7	91.8	92.1	92.2	92.2	92.3	92.4	92.4	92.5	92.5	92.6	92.9
≥ 1200	80.5	90.5	92.1	93.0	93.8	93.9	94.2	94.3	94.4	94.5	94.6	94.6	94.7	94.7	94.8	95.1
≥ 1000	80.9	91.4	93.1	94.3	95.2	95.4	95.8	95.9	95.9	96.1	96.1	96.1	96.3	96.3	96.4	96.6
≥ 900	81.1	91.8	93.6	94.8	95.9	96.0	96.5	96.7	96.7	96.9	96.9	96.9	97.0	97.0	97.2	97.4
≥ 800	81.2	92.1	93.9	95.3	96.5	96.6	97.1	97.3	97.4	97.6	97.6	97.6	97.7	97.8	97.9	98.1
≥ 700	81.4	92.4	94.2	95.6	96.8	97.0	97.6	97.8	97.8	98.0	98.1	98.1	98.2	98.2	98.3	98.6
≥ 600	81.4	92.5	94.4	95.9	97.1	97.3	97.9	98.1	98.1	98.4	98.4	98.4	98.5	98.6	98.7	98.9
≥ 500	81.5	92.6	94.5	96.0	97.3	97.3	98.1	98.4	98.4	98.7	98.7	98.7	98.8	98.9	99.0	99.2
≥ 400	81.5	92.6	94.6	96.1	97.4	97.6	98.3	98.5	98.6	98.8	98.9	98.9	99.0	99.1	99.2	99.4
≥ 300	81.5	92.7	94.6	96.2	97.5	97.7	98.3	98.6	98.6	98.9	99.0	99.0	99.1	99.2	99.3	99.6
≥ 200	81.5	92.7	94.6	96.2	97.5	97.7	98.4	98.6	98.7	99.0	99.1	99.1	99.2	99.3	99.4	99.7
≥ 100	81.5	92.7	94.6	96.2	97.5	97.7	98.4	98.6	98.7	99.0	99.1	99.1	99.2	99.3	99.5	99.8
≥ 0	81.5	92.7	94.6	96.2	97.5	97.7	98.4	98.6	98.7	99.0	99.1	99.1	99.2	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS _____

23792

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

APR

YEARS

MONTH

HOUR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	50.0	61.2	61.6	61.9	62.0	62.0	62.1	62.1	62.3	62.3	62.3	62.3	62.4	62.4	62.5	62.5
≥ 20000	64.5	71.0	71.6	71.9	72.1	72.1	72.2	72.3	72.4	72.5	72.5	72.5	72.5	72.6	72.6	72.7
≥ 18000	64.8	71.3	71.9	72.2	72.4	72.4	72.5	72.6	72.6	72.7	72.8	72.8	72.8	72.8	72.9	73.0
≥ 16000	65.2	71.7	72.3	72.6	72.8	72.8	72.9	73.0	73.0	73.1	73.2	73.2	73.2	73.2	73.3	73.4
≥ 14000	66.4	73.0	73.6	74.0	74.2	74.2	74.3	74.3	74.3	74.5	74.5	74.5	74.6	74.6	74.7	74.8
≥ 12000	67.6	74.3	74.9	75.3	75.5	75.5	75.6	75.6	75.6	75.6	75.8	75.8	75.9	75.9	76.0	76.1
≥ 10000	68.7	75.5	76.1	76.4	76.6	76.6	76.7	76.8	76.8	76.9	77.0	77.0	77.0	77.0	77.1	77.2
≥ 9000	69.0	75.8	76.4	76.7	76.9	76.9	77.0	77.1	77.1	77.2	77.3	77.3	77.4	77.4	77.5	77.5
≥ 8000	69.6	76.5	77.1	77.4	77.6	77.6	77.7	77.8	77.8	77.9	78.0	78.0	78.1	78.1	78.2	
≥ 7000	70.3	77.2	77.8	78.2	78.3	78.4	78.5	78.5	78.5	78.5	78.7	78.7	78.8	78.8	78.9	79.0
≥ 6000	70.9	77.8	78.4	78.8	78.9	79.0	79.1	79.1	79.1	79.3	79.3	79.3	79.4	79.4	79.5	79.6
≥ 5000	71.7	78.7	79.4	79.7	79.9	80.0	80.0	80.1	80.1	80.3	80.3	80.3	80.4	80.4	80.5	80.6
≥ 4500	72.2	79.3	79.9	80.3	80.5	80.5	80.6	80.7	80.7	80.8	80.9	80.9	80.9	80.9	81.0	81.1
≥ 4000	73.3	80.4	81.1	81.5	81.6	81.7	81.8	81.8	81.8	82.0	82.0	82.0	82.1	82.1	82.2	82.3
≥ 3500	74.4	81.7	82.3	82.7	82.9	82.9	83.0	83.1	83.1	83.2	83.3	83.3	83.3	83.3	83.4	83.5
≥ 3000	76.3	83.8	84.5	84.9	85.1	85.2	85.2	85.3	85.3	85.5	85.5	85.5	85.6	85.6	85.7	85.8
≥ 2500	78.5	86.5	87.2	87.6	87.8	87.9	88.0	88.0	88.0	88.2	88.2	88.2	88.3	88.3	88.4	88.5
≥ 2000	80.9	89.4	90.2	90.7	90.9	90.9	91.0	91.1	91.1	91.3	91.3	91.3	91.4	91.4	91.5	91.6
≥ 1800	81.4	90.0	90.9	91.3	91.6	91.7	91.7	91.8	91.8	92.0	92.0	92.0	92.1	92.1	92.2	92.3
≥ 1500	82.6	91.7	92.7	93.2	93.5	93.6	93.6	93.8	93.8	94.0	94.0	94.0	94.1	94.1	94.2	94.3
≥ 1200	83.6	93.2	94.3	95.0	95.4	95.4	95.5	95.7	95.7	95.9	95.9	95.9	96.0	96.0	96.1	96.2
≥ 1000	84.1	94.2	95.3	96.1	96.6	96.7	96.9	97.0	97.0	97.2	97.2	97.2	97.3	97.3	97.4	97.5
≥ 900	84.3	94.5	95.7	96.5	97.0	97.1	97.4	97.5	97.5	97.7	97.7	97.7	97.8	97.8	97.9	98.0
≥ 800	84.4	94.8	96.0	96.9	97.5	97.6	97.8	98.0	98.0	98.1	98.2	98.2	98.3	98.3	98.4	98.5
≥ 700	84.4	95.0	96.3	97.2	97.7	97.9	98.1	98.3	98.3	98.4	98.5	98.5	98.6	98.6	98.7	98.8
≥ 600	84.5	95.1	96.5	97.6	98.0	98.1	98.4	98.6	98.6	98.8	98.9	98.9	98.9	98.9	99.1	99.2
≥ 500	84.6	95.2	96.6	97.5	98.2	98.4	98.7	98.9	98.9	99.1	99.2	99.2	99.3	99.3	99.4	99.5
≥ 400	84.6	95.3	96.6	97.6	98.3	98.5	98.8	99.0	99.0	99.2	99.3	99.3	99.4	99.4	99.5	99.6
≥ 300	84.6	95.3	96.6	97.6	98.3	98.5	98.8	99.0	99.0	99.3	99.4	99.4	99.5	99.5	99.6	99.7
≥ 200	84.6	95.3	96.6	97.6	98.4	98.5	98.9	99.1	99.1	99.3	99.4	99.5	99.6	99.6	99.7	99.8
≥ 100	84.6	95.3	96.6	97.6	98.4	98.5	98.9	99.1	99.1	99.3	99.5	99.5	99.6	99.6	99.7	99.9
≥ 0	84.6	95.3	96.6	97.6	98.4	98.5	98.9	99.1	99.1	99.3	99.5	99.5	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS () 23020

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

YEAR

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH

ALL

DATA PROCESSING FORMS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING ≥ 20000	59.7	60.4	60.8	66.9	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.3	67.4
66.7	74.2	74.6	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.2	75.2	75.3
≥ 18000	57.0	74.6	75.0	75.1	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.5	75.5	75.6	75.6
67.3	74.9	75.3	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.9
≥ 14000	68.2	75.8	76.2	76.4	76.5	76.5	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.8	75.9
≥ 12000	69.1	76.7	77.1	77.3	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.7	77.7	77.8
≥ 10000	70.1	77.8	78.2	78.4	78.5	78.5	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.8	78.9
≥ 9000	70.6	78.0	78.4	78.6	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.1
≥ 8000	76.8	78.5	78.9	79.1	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.5	79.5	79.6
≥ 7000	71.1	78.6	79.2	79.4	79.5	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.8	79.8	79.9
≥ 6000	71.4	79.1	79.5	79.7	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.1	80.1	80.2
≥ 5000	71.7	79.6	80.0	80.2	80.3	80.3	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.6	80.6
≥ 4500	72.0	79.8	80.3	80.5	80.6	80.6	80.6	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.9	80.9
≥ 4000	72.6	80.5	80.9	81.1	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.5	81.5	81.6	81.6	81.6
≥ 3500	73.5	81.4	81.9	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.5	82.5
≥ 3000	75.0	83.1	83.5	83.7	83.8	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.2
≥ 2500	77.1	85.3	85.8	86.0	86.1	86.1	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.4	86.4	86.5
≥ 2000	80.0	88.4	88.9	89.1	89.3	89.3	89.3	89.4	89.4	89.5	89.5	89.5	89.5	89.6	89.6	89.7
≥ 1800	80.7	89.2	89.7	90.0	90.1	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.4	90.5	90.5
≥ 1500	82.7	91.6	92.1	92.4	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.9	92.9
≥ 1200	84.8	94.2	94.8	95.1	95.3	95.3	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.6	95.7
≥ 1000	85.8	95.7	96.3	96.6	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.3	97.3
≥ 900	86.2	96.2	96.9	97.2	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.9	97.9
≥ 800	86.5	96.9	97.5	97.9	98.2	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.6	98.6	98.7
≥ 700	86.6	97.0	97.7	98.2	98.5	98.5	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.9	99.0	99.0
≥ 600	86.7	97.2	98.0	98.4	98.8	98.8	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.3	99.4	99.4
≥ 500	86.7	97.3	98.1	98.6	98.9	99.0	99.1	99.2	99.2	99.3	99.3	99.4	99.4	99.5	99.5	99.6
≥ 400	86.8	97.3	98.1	98.6	99.0	99.1	99.2	99.3	99.3	99.5	99.5	99.5	99.6	99.6	99.7	99.7
≥ 300	86.8	97.3	98.1	98.6	99.1	99.1	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.8	99.8
≥ 200	86.8	97.3	98.1	98.6	99.1	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.8	99.9
≥ 100	86.8	97.3	98.1	98.6	99.1	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.8	99.9
≥ 0	86.8	97.3	98.1	98.6	99.1	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.8	99.9

TOTAL NUMBER OF OBSERVATIONS

23786

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-40-42-70 JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

DATA PROCESSING DIVISION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	68.1	74.9	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 20000	73.3	82.7	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1
≥ 18000	73.5	80.9	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 16000	73.7	81.1	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 14000	74.2	81.7	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 12000	74.8	82.4	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 10000	75.4	83.1	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 9000	75.6	82.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 8000	75.7	83.4	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 7000	76.0	82.7	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1
≥ 6000	76.1	83.9	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3
≥ 5000	76.3	84.0	84.2	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4500	76.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6
≥ 4000	76.8	84.6	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0
≥ 3500	77.2	85.0	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4
≥ 3000	78.0	85.9	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3
≥ 2500	79.2	87.2	87.4	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2000	81.1	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6
≥ 1800	82.0	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1500	84.1	92.4	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200	86.3	94.9	95.2	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	87.6	96.3	96.8	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 900	88.1	97.2	97.5	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9
≥ 800	88.7	98.1	98.4	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	88.9	98.6	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 600	89.1	98.9	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	89.2	99.0	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	89.2	99.1	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	89.2	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	89.2	99.1	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	89.2	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	89.2	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

22296

USAF ETAC FORM 10-64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

YEARS

JUL

STATION

STATION NAME

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (EST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥26	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥20
NO CEILING	70.9	79.6	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.3
≥ 20000	74.5	83.8	84.1	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.5	84.5
≥ 18000	74.6	83.9	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5
≥ 16000	74.8	84.1	84.4	84.5	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.8	84.8
≥ 14000	75.3	84.7	85.0	85.1	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.4	85.4
≥ 12000	75.9	85.3	85.6	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0
≥ 10000	76.2	85.6	85.9	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3
≥ 9000	76.3	85.7	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.4	86.4	86.4
≥ 8000	76.4	85.8	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5	86.5
≥ 7000	76.4	85.9	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5
≥ 6000	76.4	85.9	86.2	86.3	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.6	86.6	86.6
≥ 5000	76.5	85.9	86.2	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6
≥ 4500	76.5	86.0	86.2	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6
≥ 4000	76.5	86.0	86.3	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7
≥ 3500	76.6	86.0	86.3	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7
≥ 3000	76.7	86.1	86.4	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8
≥ 2500	76.9	86.4	86.7	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1
≥ 2000	77.5	87.0	87.3	87.4	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7
≥ 1800	77.7	87.3	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9
≥ 1500	78.8	88.3	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0
≥ 1200	80.8	90.7	91.0	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4
≥ 1000	82.7	93.0	93.4	93.5	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8
≥ 900	83.8	94.4	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.2
≥ 800	85.0	96.0	96.4	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9
≥ 700	85.8	97.3	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.4	98.4
≥ 600	86.1	97.7	98.4	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 500	86.2	98.0	98.7	99.1	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6
≥ 400	86.2	98.2	98.8	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
≥ 300	86.2	98.2	98.8	99.3	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9
≥ 200	86.2	98.2	98.8	99.3	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9
≥ 100	86.2	98.2	98.8	99.3	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9
≥ 0	86.2	98.2	98.8	99.3	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

23749

USAF ETAC FORM 10-64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/RAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS EST.

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥3/8	≥1/4	≥0
NO CEILING	66.9	75.8	76.2	76.4	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.8
≥ 20000	71.1	80.7	81.1	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.7
≥ 18000	71.2	80.9	81.2	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.8
≥ 16000	71.3	81.0	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9
≥ 14000	72.3	82.0	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9
≥ 12000	73.0	82.8	83.1	83.4	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7
≥ 10000	73.4	83.1	83.5	83.8	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1
≥ 9000	73.5	83.3	83.7	84.0	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3
≥ 8000	73.7	83.5	84.0	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.6
≥ 7000	73.8	83.7	84.1	84.3	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7
≥ 6000	73.9	83.7	84.1	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.8
≥ 5000	73.9	83.7	84.1	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.8
≥ 4500	73.9	83.8	84.2	84.4	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8
≥ 4000	74.0	83.9	84.3	84.6	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	85.0
≥ 3500	74.1	84.0	84.4	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	85.0	85.0
≥ 3000	74.4	84.3	84.7	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.4
≥ 2500	74.8	84.8	85.2	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.9
≥ 2000	75.5	85.5	85.9	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.6
≥ 1800	75.8	85.9	86.3	86.5	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9
≥ 1500	76.7	86.9	87.3	87.6	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.9	87.9	88.0
≥ 1200	76.4	88.9	89.4	89.6	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0
≥ 1000	80.2	91.2	91.7	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.4
≥ 900	81.2	92.7	93.1	93.4	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.9
≥ 800	82.3	94.2	94.7	95.0	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.5
≥ 700	83.1	95.5	96.0	96.5	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9
≥ 600	83.7	96.3	97.2	97.7	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.3	98.3
≥ 500	84.0	97.0	97.7	98.3	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	99.1
≥ 400	84.0	97.1	97.9	98.5	98.9	98.9	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.3	99.4	99.4
≥ 300	84.0	97.2	98.0	98.7	99.0	99.0	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	84.0	97.2	98.0	98.7	99.0	99.0	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	84.0	97.2	98.0	98.7	99.0	99.0	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0	84.0	97.2	98.0	98.7	99.0	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

23801

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL

59-70

YEARS

EP
MONTH

ALL

HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	61.9	75.4	76.5	77.3	77.7	77.7	77.9	77.9	78.1	78.2	78.2	78.3	78.3	78.4	78.4	78.4
≥ 20000	65.7	80.6	81.7	82.7	83.1	83.2	83.4	83.4	83.7	83.7	83.7	83.8	83.8	84.0	84.0	84.1
≥ 18000	65.9	80.8	81.9	82.9	83.3	83.4	83.6	83.7	83.7	83.9	83.9	83.9	84.0	84.0	84.2	84.3
≥ 16000	66.1	81.1	82.2	83.2	83.6	83.7	83.9	84.0	84.0	84.2	84.2	84.3	84.3	84.5	84.6	84.6
≥ 14000	66.6	81.6	82.8	83.8	84.2	84.3	84.5	84.5	84.6	84.8	84.8	84.9	84.9	85.1	85.2	85.2
≥ 12000	67.2	82.6	83.7	84.7	85.1	85.2	85.4	85.5	85.5	85.7	85.8	85.9	85.9	86.0	86.1	86.1
≥ 10000	67.6	82.9	84.1	85.1	85.5	85.6	85.8	85.9	85.9	86.1	86.2	86.2	86.3	86.4	86.4	86.5
≥ 9000	67.8	83.2	84.3	85.3	85.8	85.8	86.1	86.1	86.1	86.3	86.4	86.4	86.5	86.6	86.6	86.8
≥ 8000	68.1	83.5	84.6	85.6	86.1	86.1	86.4	86.4	86.4	86.6	86.7	86.7	86.8	86.8	86.9	87.1
≥ 7000	68.3	82.7	83.8	85.3	86.3	86.3	86.5	86.6	86.6	86.8	86.9	86.9	87.0	87.0	87.1	87.3
≥ 6000	68.4	83.8	85.0	86.0	86.4	86.5	86.7	86.7	86.8	87.0	87.0	87.0	87.1	87.1	87.3	87.4
≥ 5000	68.6	84.0	85.2	86.1	86.6	86.6	86.9	86.9	86.9	87.1	87.2	87.2	87.3	87.3	87.5	87.6
≥ 4500	68.6	84.1	85.2	86.2	86.6	86.7	86.9	87.0	87.0	87.2	87.3	87.3	87.4	87.4	87.5	87.7
≥ 4000	68.8	84.2	85.4	86.3	86.8	86.9	87.1	87.1	87.1	87.4	87.4	87.5	87.5	87.7	87.7	87.8
≥ 3500	69.0	84.4	85.6	86.6	87.0	87.1	87.3	87.4	87.4	87.6	87.7	87.7	87.8	87.9	87.9	88.0
≥ 3000	69.5	84.9	86.1	87.1	87.5	87.6	87.8	87.9	87.9	88.1	88.2	88.2	88.3	88.4	88.4	88.6
≥ 2500	70.1	85.6	86.8	87.8	88.2	88.3	88.5	88.6	88.6	88.8	88.9	88.9	89.0	89.0	89.1	89.3
≥ 2000	71.5	87.2	88.3	89.3	89.8	89.8	90.1	90.1	90.1	90.3	90.4	90.4	90.5	90.5	90.6	90.8
≥ 1800	72.1	87.8	89.0	90.0	90.4	90.5	90.7	90.8	90.8	91.0	91.1	91.1	91.2	91.2	91.3	91.5
≥ 1500	73.5	89.3	90.5	91.5	92.0	92.0	92.3	92.3	92.3	92.5	92.6	92.6	92.7	92.7	92.9	93.0
≥ 1200	74.7	90.9	92.1	93.2	93.7	93.7	94.0	94.0	94.0	94.2	94.3	94.3	94.4	94.4	94.5	94.7
≥ 1000	75.5	92.0	93.3	94.4	94.9	95.0	95.2	95.3	95.3	95.5	95.6	95.6	95.7	95.7	95.8	96.0
≥ 900	75.9	92.7	94.0	95.1	95.6	95.7	95.9	96.0	96.0	96.2	96.3	96.3	96.4	96.4	96.5	96.7
≥ 800	76.3	93.4	94.7	95.8	96.4	96.5	96.8	96.8	96.8	97.0	97.1	97.1	97.2	97.2	97.4	97.5
≥ 700	76.5	93.8	95.2	96.4	97.0	97.1	97.4	97.4	97.4	97.7	97.7	97.7	97.8	97.8	98.0	98.1
≥ 600	76.6	94.2	95.6	96.8	97.5	97.5	97.8	97.9	97.9	98.1	98.2	98.3	98.3	98.5	98.6	98.6
≥ 500	76.7	94.4	95.9	97.2	97.9	98.0	98.3	98.3	98.4	98.6	98.7	98.7	98.8	98.8	98.9	99.1
≥ 400	76.7	94.5	96.0	97.3	98.0	98.1	98.5	98.5	98.6	98.8	98.9	98.9	99.0	99.0	99.2	99.3
≥ 300	76.7	94.5	96.0	97.4	98.1	98.2	98.6	98.7	98.7	99.0	99.1	99.1	99.3	99.3	99.4	99.6
≥ 200	76.7	94.5	96.0	97.4	98.1	98.3	98.7	98.8	98.8	99.1	99.2	99.3	99.4	99.4	99.6	99.8
≥ 100	76.7	94.5	96.0	97.4	98.2	98.3	98.7	98.8	98.8	99.2	99.3	99.3	99.5	99.5	99.7	99.9
≥ 0	76.7	94.5	96.0	97.4	98.2	98.3	98.7	98.8	98.8	99.2	99.3	99.3	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

23008

USAF ETAC FORM AFM 64 0-14-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

YEARS

UCT
MONTH

ALL
HOURS/ST.

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥20	≥30	≥40	≥50	≥60	≥70	≥80	≥90	≥100	≥110	≥120	≥130	≥140	≥150	
NO CEILING ≥ 20000	53.5	64.7	66.6	67.8	68.7	68.8	69.2	69.3	69.3	69.6	69.6	69.6	69.8	69.8	70.1	70.3
	57.3	70.0	72.1	73.6	74.0	74.7	75.2	75.3	75.4	75.7	75.8	75.8	76.0	76.0	76.1	76.5
≥ 18000	57.6	70.3	72.4	73.9	74.9	75.1	75.5	75.6	75.7	76.0	76.1	76.1	76.3	76.4	76.6	76.9
≥ 16000	57.9	70.0	72.8	74.3	75.3	75.5	75.9	76.1	76.1	76.5	76.6	76.6	76.8	76.8	77.0	77.3
≥ 14000	58.7	71.8	73.9	75.4	76.4	76.6	77.0	77.2	77.2	77.5	77.6	77.7	77.8	77.9	78.1	78.4
≥ 12000	60.0	73.3	75.4	76.9	77.9	78.1	78.6	78.7	78.8	79.1	79.2	79.4	79.4	79.7	79.7	79.9
≥ 10000	60.6	74.1	76.3	77.9	79.0	79.2	79.6	79.6	79.8	80.1	80.2	80.2	80.4	80.5	80.7	81.0
≥ 9000	60.7	74.3	76.5	78.1	79.1	79.3	79.8	79.9	80.0	80.3	80.4	80.4	80.6	80.6	80.9	81.2
≥ 8000	61.1	74.6	76.9	78.5	79.6	79.7	80.2	80.4	80.4	80.7	80.8	80.8	81.0	81.1	81.3	81.6
≥ 7000	61.6	75.0	77.2	78.9	79.9	80.1	80.5	80.7	80.7	81.1	81.2	81.2	81.4	81.4	81.7	81.9
≥ 6000	61.7	75.3	77.6	79.3	80.3	80.5	80.9	81.1	81.1	81.5	81.6	81.6	81.8	81.8	82.1	82.3
≥ 5000	62.1	75.8	78.1	79.8	80.9	81.1	81.5	81.7	81.7	82.1	82.2	82.2	82.4	82.4	82.6	82.9
≥ 4500	62.3	76.1	78.4	80.1	81.2	81.4	81.9	82.0	82.1	82.4	82.5	82.5	82.7	82.8	83.0	83.3
≥ 4000	62.7	76.7	79.0	80.7	81.9	82.0	82.5	82.7	82.7	83.1	83.2	83.2	83.4	83.4	83.6	83.9
≥ 3500	63.1	77.1	79.5	81.2	82.4	82.6	83.0	83.2	83.2	83.6	83.7	83.7	83.9	83.9	84.2	84.4
≥ 3000	63.9	78.1	80.5	82.3	83.4	83.6	84.1	84.3	84.3	84.6	84.8	84.8	84.9	85.0	85.2	85.5
≥ 2500	64.9	79.4	81.8	83.6	84.8	85.0	85.4	85.6	85.6	86.0	86.1	86.1	86.3	86.3	86.6	86.9
≥ 2000	66.3	81.4	83.9	85.7	87.0	87.2	87.7	87.9	87.9	88.3	88.4	88.4	88.6	88.6	88.8	89.1
≥ 1800	66.9	82.1	84.7	86.6	87.9	88.1	88.6	88.8	88.8	89.2	89.3	89.3	89.5	89.5	89.7	90.0
≥ 1500	67.9	83.5	86.2	88.1	89.5	89.7	90.3	90.5	90.5	90.9	91.0	91.0	91.2	91.3	91.5	91.8
≥ 1200	68.8	85.0	87.7	89.8	91.2	91.5	92.1	92.3	92.3	92.7	92.8	92.8	93.0	93.1	93.3	93.6
≥ 1000	69.3	85.8	88.7	90.8	92.4	92.6	93.2	93.5	93.6	94.0	94.1	94.1	94.3	94.3	94.6	94.8
≥ 900	69.4	86.1	89.0	91.2	92.6	93.1	93.8	94.1	94.1	94.5	94.6	94.7	94.9	94.9	95.1	95.4
≥ 800	69.6	86.5	89.5	91.9	93.5	93.8	94.5	94.8	94.8	95.3	95.4	95.4	95.6	95.6	95.9	96.2
≥ 700	69.7	86.8	89.9	92.3	94.0	94.3	95.0	95.3	95.4	95.8	95.9	95.9	96.1	96.2	96.4	96.7
≥ 600	69.8	87.0	90.2	92.6	94.4	94.7	95.5	95.8	95.9	96.3	96.4	96.4	96.7	96.7	96.9	97.2
≥ 500	69.8	87.2	90.4	92.9	94.7	95.1	95.9	96.3	96.3	96.6	96.9	96.9	97.1	97.2	97.4	97.7
≥ 400	69.9	87.3	90.4	93.0	94.9	95.3	96.2	96.6	96.6	97.1	97.3	97.3	97.5	97.6	97.8	98.1
≥ 300	69.9	87.3	90.5	93.1	95.1	95.5	96.4	96.8	96.9	97.3	97.6	97.6	97.9	98.0	98.2	98.5
≥ 200	69.9	87.3	90.5	93.2	95.2	95.6	96.5	96.9	97.0	97.7	97.8	97.8	98.1	98.2	98.5	98.8
≥ 100	69.9	87.3	90.5	93.2	95.2	95.6	96.5	97.0	97.1	97.7	97.9	97.9	98.3	98.4	98.8	99.1
≥ 0	69.9	87.3	90.5	93.2	95.2	95.6	96.5	97.0	97.1	97.7	97.9	97.9	98.0	98.4	98.5	98.9

TOTAL NUMBER OF OBSERVATIONS _____

23785

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

NOV

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH

HOURS (EST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0		
NO CEILING	36.1	47.2	50.0	51.9	53.8	54.1	54.8	55.0	55.0	55.5	55.7	55.7	56.0	56.0	56.4	56.9	
≥ 20000	40.2	53.2	56.5	59.1	61.2	61.5	62.5	62.6	62.6	63.2	63.4	63.4	63.7	63.8	64.2	64.7	
≥ 18000	40.5	53.6	57.0	59.5	61.7	62.0	62.8	63.1	63.1	63.8	63.9	64.0	64.2	64.3	64.7	65.3	
≥ 16000	40.8	54.1	57.5	60.1	62.3	62.7	63.5	63.7	63.8	64.4	64.6	64.6	64.9	65.0	65.4	65.9	
≥ 14000	41.6	55.3	58.7	61.5	63.8	64.2	65.0	65.2	65.3	65.9	66.1	66.1	66.4	66.5	66.9	67.4	
≥ 12000	2.4	56.5	60.1	63.1	65.5	65.9	66.8	67.1	67.1	67.8	68.0	68.0	68.3	68.4	68.8	69.3	
≥ 10000	43.3	57.8	61.3	64.3	67.0	67.5	68.4	68.7	68.7	69.4	69.6	69.6	69.9	70.0	70.4	71.0	
≥ 9000	43.5	58.2	61.9	65.0	67.5	68.0	68.9	69.2	69.2	69.9	70.1	70.1	70.4	70.5	70.9	71.5	
≥ 8000	44.2	59.0	62.7	66.0	68.5	69.0	70.0	70.2	70.3	71.0	71.2	71.2	71.5	71.6	72.0	72.6	
≥ 7000	44.6	59.5	63.3	66.5	69.1	69.6	70.0	70.6	70.9	70.9	71.6	71.8	71.8	72.1	72.2	72.6	73.2
≥ 6000	45.1	60.2	64.0	67.2	69.9	70.3	71.3	71.6	71.7	72.4	72.6	72.6	72.9	73.0	73.4	73.9	
≥ 5000	45.8	61.0	64.8	68.1	70.8	71.3	72.3	72.6	72.7	73.4	73.6	73.6	73.9	74.0	74.3	74.9	
≥ 4500	46.2	61.5	65.4	68.7	71.4	71.8	72.8	73.1	73.2	73.9	74.1	74.1	74.4	74.5	74.9	75.5	
≥ 4000	46.8	62.3	66.3	69.6	72.3	72.8	73.8	74.1	74.2	74.9	75.1	75.1	75.4	75.5	75.9	76.5	
≥ 3500	47.3	63.0	66.9	70.3	73.0	73.5	74.6	74.9	74.9	75.7	75.9	75.9	76.2	76.3	76.7	77.2	
≥ 3000	48.7	64.6	68.6	72.1	74.8	75.3	76.4	76.7	76.7	77.5	77.6	77.7	78.0	78.1	78.4	79.0	
≥ 2500	49.8	66.1	70.2	73.7	76.5	77.0	78.1	78.5	78.5	79.3	79.5	79.5	79.8	79.9	80.3	80.8	
≥ 2000	51.2	68.4	72.7	76.3	79.3	79.8	81.0	81.3	81.4	82.2	82.4	82.4	82.7	82.8	83.2	83.8	
≥ 1800	51.7	69.0	73.4	77.1	80.1	80.6	81.9	82.2	82.3	83.1	83.2	83.3	83.6	83.7	84.1	84.6	
≥ 1500	52.6	70.4	74.9	78.8	82.0	82.6	83.8	84.2	84.2	85.1	85.3	85.4	85.7	85.8	86.2	86.8	
≥ 1200	53.2	71.7	76.4	80.4	83.8	84.4	85.8	86.2	86.3	87.2	87.4	87.4	87.8	87.9	88.3	88.8	
≥ 1000	53.5	72.5	77.4	81.7	85.4	86.0	87.5	88.0	88.1	89.0	89.2	89.3	89.6	89.7	90.1	90.7	
≥ 900	53.6	72.9	77.8	82.2	86.1	86.8	88.4	88.9	89.0	90.0	90.2	90.2	90.6	90.7	91.1	91.7	
≥ 800	53.7	73.2	78.2	82.3	86.7	87.5	89.1	89.7	89.8	90.9	91.1	91.2	91.6	91.7	92.1	92.6	
≥ 700	53.8	73.3	78.4	83.1	87.3	88.1	89.8	90.5	90.6	91.8	92.0	92.1	92.5	92.6	93.0	93.6	
≥ 600	53.8	73.5	78.6	83.4	87.6	88.5	90.3	91.0	91.1	92.4	92.7	92.7	93.2	93.2	93.7	94.2	
≥ 500	53.8	73.5	78.7	83.5	88.0	88.9	90.9	91.8	91.9	93.4	93.7	93.7	94.2	94.3	94.8	95.4	
≥ 400	53.9	73.6	78.8	83.6	88.2	89.1	91.4	92.3	92.6	94.1	94.4	94.5	95.1	95.1	95.6	96.2	
≥ 300	53.9	73.6	78.8	83.7	88.3	89.3	91.6	92.6	92.8	94.8	95.3	95.4	96.1	96.2	96.9	97.7	
≥ 200	53.9	73.6	78.8	83.7	88.3	89.3	91.6	92.6	92.8	94.9	95.3	95.4	96.3	96.5	97.2	98.3	
≥ 100	53.9	73.6	78.8	83.7	88.3	89.3	91.6	92.7	92.8	94.9	95.4	95.5	96.4	96.5	97.3	100.0	
≥ 0	53.9	73.6	78.8	83.7	88.3	89.3	91.6	92.7	92.8	94.9	95.4	95.5	96.4	96.5	97.3	100.0	

TOTAL NUMBER OF OBSERVATIONS

23028

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

YEARS

OCT

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	26.2	34.3	36.5	38.2	39.9	40.2	40.9	41.3	41.4	42.0	42.2	42.2	42.6	42.7	43.2	43.7
≥ 20000	29.1	38.8	41.3	43.4	45.4	45.8	46.7	47.2	47.2	47.9	48.2	48.2	48.6	48.7	49.2	49.8
≥ 18000	29.3	39.2	41.7	43.8	45.9	46.2	47.1	47.6	47.7	48.4	48.6	48.6	49.1	49.1	49.7	50.2
≥ 16000	29.5	39.6	42.3	44.4	46.4	46.8	47.7	49.2	48.3	49.0	49.2	49.2	49.7	49.7	50.3	50.8
≥ 14000	30.0	40.5	43.3	43.5	47.6	48.0	48.9	49.4	49.5	50.2	50.4	50.5	50.9	51.0	51.3	52.1
≥ 12000	30.8	41.7	44.8	47.0	49.3	49.7	50.6	51.2	51.3	52.0	52.2	52.3	52.7	52.8	53.3	53.9
≥ 10000	31.3	42.6	45.7	48.0	50.5	50.9	51.9	52.4	52.5	53.2	53.5	53.5	54.0	54.1	54.6	55.2
≥ 9000	31.5	42.9	46.1	48.3	50.9	51.3	52.3	52.8	52.9	53.6	53.9	53.9	54.4	54.4	55.0	55.6
≥ 8000	32.0	43.7	46.9	49.3	51.8	52.3	53.2	53.8	53.9	54.6	54.9	54.9	55.4	55.5	56.0	56.6
≥ 7000	32.4	44.2	47.6	50.0	52.6	53.0	54.0	54.6	54.7	55.4	55.7	55.7	56.2	56.3	56.8	57.4
≥ 6000	32.8	44.8	48.2	50.7	53.3	53.8	54.7	55.3	55.4	56.2	56.5	56.5	56.9	57.0	57.5	58.1
≥ 5000	33.5	45.7	49.2	51.7	54.4	54.9	55.9	56.5	56.6	57.4	57.7	57.7	58.1	58.2	58.8	59.4
≥ 4500	33.9	46.2	49.7	52.3	55.0	55.5	56.6	57.2	57.3	58.1	58.3	58.4	58.8	58.9	59.4	60.0
≥ 4000	34.5	47.2	50.8	53.4	56.2	56.8	57.8	58.4	58.5	59.3	59.6	59.6	60.1	60.2	60.7	61.3
≥ 3500	35.0	40.0	51.7	54.3	57.2	57.7	58.8	59.5	59.6	60.4	60.7	60.7	61.1	61.2	61.8	62.4
≥ 3000	36.1	49.5	53.5	56.2	59.2	59.8	60.9	61.6	61.7	62.5	62.8	62.8	63.3	63.4	63.9	64.5
≥ 2500	37.2	51.2	55.2	58.1	61.3	61.8	63.0	63.7	63.8	64.6	64.9	65.0	65.4	65.5	66.1	66.7
≥ 2000	38.6	53.5	57.7	60.3	64.3	65.0	66.3	67.1	67.3	68.2	68.5	68.5	69.0	69.1	69.7	70.3
≥ 1800	39.0	54.2	58.4	61.0	65.2	65.8	67.2	68.0	68.2	69.1	69.4	69.5	70.0	70.1	70.6	71.2
≥ 1500	39.6	55.6	60.1	65.5	67.4	68.1	69.7	70.6	70.8	71.8	72.1	72.2	72.8	73.3	73.9	
≥ 1200	40.3	57.4	62.2	66.1	70.5	71.3	73.0	74.1	74.3	75.4	75.8	75.9	76.4	76.5	77.0	77.6
≥ 1000	40.6	58.2	63.4	67.0	72.5	73.4	75.3	76.5	76.7	78.0	78.4	78.5	79.0	79.1	79.7	80.3
≥ 900	40.7	58.7	64.0	68.4	73.7	74.6	76.7	77.9	78.1	79.6	80.0	80.1	80.6	80.7	81.3	81.9
≥ 800	40.9	59.1	64.6	69.3	75.1	76.1	78.4	79.9	80.2	81.8	82.3	82.3	82.9	83.0	83.6	84.2
≥ 700	40.9	59.5	65.1	70.2	76.2	77.6	80.3	81.9	82.2	84.1	84.6	84.6	85.2	85.3	85.9	86.5
≥ 600	41.0	59.7	65.4	70.7	77.0	79.0	82.0	83.8	84.2	86.2	86.8	86.8	87.4	87.6	88.1	88.7
≥ 500	41.0	59.8	65.6	71.2	76.6	80.2	83.9	86.0	86.4	88.6	89.2	89.3	89.9	90.1	90.7	91.3
≥ 400	41.0	59.8	65.7	71.4	79.2	81.0	85.2	87.6	88.1	90.6	91.3	91.4	92.1	92.2	92.8	93.5
≥ 300	41.0	59.8	65.7	71.4	79.4	81.3	85.7	88.4	88.9	91.8	92.5	92.7	93.5	93.7	94.4	95.1
≥ 200	41.0	59.8	65.7	71.5	79.5	81.4	85.9	88.7	89.3	92.3	93.2	93.4	94.4	94.6	95.4	96.3
≥ 100	41.0	59.8	65.7	71.5	79.5	81.5	85.9	88.7	89.3	92.5	93.4	93.6	94.7	95.0	96.0	97.3
≥ 0	41.0	59.8	65.7	71.5	79.5	81.5	85.9	88.7	89.3	92.5	93.4	93.6	94.8	95.1	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS

23781

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/NAC

CEILING VERSUS VISIBILITY

2321 HAMILTON AFB CALIF/SAN RAFAEL STATION NAME

40-70

YEARS

JAN

MONTH

0000-0200
HOURS (EST.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ ¼	≥ 0
NO CEIL	11.8	39.0	41.6	43.2	45.1	45.7	47.0	47.7	47.7	48.3	48.6	49.0	49.1	49.1	49.1	50.4
≥ 20000	33.4	41.3	44.1	45.9	47.9	48.4	49.9	50.7	50.8	51.4	51.7	51.7	52.2	52.4	52.9	53.7
≥ 18000	33.4	41.7	44.3	45.1	48.1	48.6	50.1	51.0	51.0	51.4	51.9	52.3	52.6	53.1	53.4	53.7
≥ 16000	33.5	41.8	44.5	46.2	48.2	48.8	50.2	51.1	51.2	51.8	52.0	52.1	52.6	52.7	53.3	54.1
≥ 14000	34.0	42.9	45.7	47.3	49.3	50.0	51.2	52.4	52.5	53.1	53.4	53.9	54.1	54.1	55.4	55.4
≥ 12000	35.1	44.0	46.9	48.8	50.8	51.2	52.8	53.7	53.8	54.4	54.7	54.7	55.2	55.4	56.0	56.8
≥ 10000	36.0	45.2	48.1	50.2	52.4	52.8	54.3	55.2	55.3	56.0	56.3	56.8	57.0	57.0	58.0	58.4
≥ 9000	36.1	45.5	48.5	50.5	52.6	53.2	54.7	55.6	55.7	56.4	56.7	56.7	57.3	57.5	58.0	58.8
≥ 8000	36.8	46.2	49.3	51.4	53.4	54.0	55.3	56.3	56.6	57.3	57.5	57.6	58.1	58.2	58.9	59.7
≥ 7000	37.2	46.7	49.7	51.9	54.0	54.7	56.2	57.2	57.3	58.0	58.2	58.2	58.9	59.1	59.6	60.4
≥ 6000	37.7	47.4	50.9	52.8	54.9	55.9	57.0	58.0	58.1	58.8	59.1	59.1	59.7	59.9	60.3	61.2
≥ 5000	38.2	48.2	51.4	53.7	55.9	56.5	58.1	59.0	59.1	59.8	60.1	60.1	60.7	60.9	61.5	62.2
≥ 4500	38.6	48.7	51.9	54.2	56.3	57.0	58.6	59.6	59.7	60.4	60.7	60.7	61.3	61.5	62.1	62.8
≥ 4000	39.5	49.9	53.3	55.5	57.7	58.4	60.0	61.0	61.1	61.8	62.1	62.1	62.7	63.9	63.4	64.2
≥ 3500	40.5	51.3	54.6	57.0	59.3	60.0	61.6	62.6	62.8	63.4	63.7	63.7	64.2	64.3	65.0	65.8
≥ 3000	41.3	52.9	56.5	59.0	61.5	62.2	63.9	64.8	64.9	65.6	65.9	65.9	66.5	66.7	67.3	68.0
≥ 2500	42.3	54.3	58.1	60.5	63.4	64.1	65.9	66.9	67.0	67.1	68.0	68.1	68.6	68.8	69.4	70.1
≥ 2000	43.9	56.8	60.9	63.9	66.7	67.5	69.5	70.4	70.5	71.3	71.5	71.6	72.2	72.4	73.0	73.7
≥ 1800	44.0	57.3	61.4	64.5	67.4	68.1	70.1	71.1	71.2	71.3	72.2	72.2	72.8	73.0	73.6	74.4
≥ 1500	44.5	58.3	62.8	66.2	69.8	70.6	72.6	73.6	73.7	74.5	74.8	74.8	75.4	75.6	76.2	77.0
≥ 1200	45.3	59.6	64.2	67.1	72.1	72.9	75.2	76.3	76.6	77.2	77.5	77.5	78.1	78.3	78.9	79.7
≥ 1000	45.5	59.8	64.7	68.5	73.3	74.1	76.1	76.5	77.7	78.7	79.0	79.1	79.7	79.9	80.5	81.3
≥ 900	45.6	60.1	65.4	74.6	75.4	77.9	79.2	79.3	80.4	80.6	80.6	81.2	81.4	82.1	82.9	83.7
≥ 800	45.6	60.3	65.5	70.2	75.7	76.0	79.3	80.6	80.6	82.0	82.3	82.4	83.1	83.3	83.9	84.7
≥ 700	45.6	60.3	65.7	70.6	76.7	77.6	80.5	81.9	82.1	83.2	83.9	83.9	84.7	84.9	85.5	86.3
≥ 600	45.6	60.7	66.1	71.1	77.7	78.7	81.9	83.6	83.8	85.3	85.7	85.7	86.5	86.7	87.3	88.1
≥ 500	45.6	60.7	66.4	71.2	78.2	79.4	83.1	85.0	85.2	86.9	87.4	87.4	88.2	88.3	89.1	89.9
≥ 400	45.6	60.8	66.2	71.3	78.6	79.8	83.9	86.0	86.2	88.3	89.0	89.1	89.9	90.2	90.8	91.6
≥ 300	45.6	60.8	66.4	71.3	78.9	80.1	84.6	85.9	87.2	88.6	90.5	90.5	91.3	91.8	92.5	93.3
≥ 200	45.6	60.8	66.4	71.3	78.9	80.1	84.7	87.2	87.6	90.3	91.4	91.5	92.0	93.0	93.8	94.7
≥ 100	45.6	60.8	66.4	71.3	78.9	80.1	84.7	87.2	87.6	90.4	91.7	91.8	93.3	93.6	94.0	96.7
≥ 0	45.6	60.8	66.4	71.3	78.9	80.1	84.7	87.2	87.6	90.4	91.7	91.8	93.4	93.7	95.2	100.0

TOTAL NUMBER OF OBSERVATIONS

2075

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 40-70 YEARS JAN
STATION STATION NAME MONTH
PERCENTAGE FREQUENCY OF OCCURRENCE 0300-0500
(FROM HOURLY OBSERVATIONS) HOURS (EST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	28.6	35.6	37.6	39.0	40.1	40.7	41.8	42.3	42.4	43.5	43.6	43.8	44.6	44.8	45.6
≥ 20000	30.0	37.3	39.4	40.9	42.1	42.6	43.8	44.4	44.5	45.7	46.0	46.2	46.9	47.1	47.9
≥ 18000	30.1	37.5	39.7	41.2	42.3	42.9	44.1	44.7	44.7	45.9	46.2	46.3	47.1	47.3	48.1
≥ 16000	30.2	37.6	39.8	41.3	42.4	43.0	44.2	44.5	44.9	46.0	46.4	46.4	47.2	47.4	48.2
≥ 14000	30.9	38.4	40.7	42.7	43.3	43.9	45.1	45.7	45.8	47.0	47.2	47.4	48.3	48.5	50.0
≥ 12000	31.0	39.2	41.5	43.2	44.3	44.9	46.1	46.7	46.8	48.0	48.2	48.4	49.3	49.5	50.4
≥ 10000	32.3	40.1	42.6	44.2	45.4	46.1	47.3	47.9	48.0	49.2	49.5	49.6	50.0	50.7	51.4
≥ 9000	32.4	40.4	42.8	44.5	45.7	46.3	47.6	48.2	48.3	49.5	49.6	49.9	50.0	51.0	52.3
≥ 8000	32.9	41.0	43.5	45.2	46.3	47.1	48.3	49.0	49.0	50.2	50.6	50.6	51.3	51.7	52.5
≥ 7000	33.1	41.5	44.0	45.7	47.0	47.6	48.9	49.5	49.6	50.6	51.0	51.1	52.0	52.7	53.0
≥ 6000	33.7	42.3	44.8	46.6	48.0	48.5	49.8	50.3	50.6	51.7	52.1	52.3	53.0	53.2	54.0
≥ 5000	34.7	43.5	46.2	48.1	49.7	50.1	51.4	52.0	52.2	53.3	53.7	53.7	54.6	54.7	55.6
≥ 4500	35.0	44.0	46.7	48.6	50.0	50.6	52.0	52.7	52.7	53.7	54.3	54.3	55.2	55.4	56.4
≥ 4000	35.8	45.0	47.8	49.8	51.1	51.7	53.3	54.0	54.1	55.2	55.6	55.6	56.6	56.7	58.3
≥ 3500	36.6	46.4	49.3	51.3	52.8	53.4	54.6	55.5	55.6	56.8	57.1	57.1	58.1	58.3	59.0
≥ 3000	37.9	48.1	51.0	53.1	54.6	55.2	56.1	57.4	57.5	58.7	59.0	59.1	60.0	60.2	61.6
≥ 2500	38.8	49.5	52.6	54.8	56.5	57.1	58.6	59.3	59.4	60.6	61.0	61.1	61.9	62.1	62.9
≥ 2000	40.2	51.0	55.4	57.7	60.1	60.7	62.3	63.1	63.1	64.4	64.6	64.7	65.0	65.9	67.4
≥ 1800	40.5	52.3	56.0	58.3	60.8	61.4	63.0	63.7	63.8	65.1	65.5	65.6	66.4	66.7	68.2
≥ 1500	41.1	53.6	57.7	60.0	63.2	63.8	65.5	66.2	66.3	67.7	68.1	68.2	69.0	69.3	70.1
≥ 1200	41.8	55.0	59.3	62.0	65.1	66.4	68.4	69.3	69.4	70.8	71.1	71.2	72.1	72.3	73.0
≥ 1000	42.0	55.5	59.4	62.9	67.1	67.9	70.2	71.1	71.2	72.7	73.1	73.1	74.0	74.3	75.0
≥ 900	42.2	55.9	60.4	63.7	68.3	69.0	71.3	72.4	72.5	74.1	74.5	74.6	75.0	75.6	77.3
≥ 800	42.3	56.1	60.8	64.4	69.3	70.3	73.1	74.2	74.4	76.1	76.3	76.6	77.6	77.8	79.4
≥ 700	42.3	56.4	61.0	64.9	70.0	71.5	74.1	75.3	76.1	78.1	78.5	78.6	79.0	79.5	81.1
≥ 600	42.3	56.3	61.3	65.4	71.0	72.8	76.5	78.1	78.3	80.4	80.9	81.0	82.0	82.2	83.0
≥ 500	42.4	56.4	61.5	65.8	72.3	74.3	78.4	80.4	80.6	82.9	83.4	83.4	84.6	84.8	85.7
≥ 400	42.4	56.4	61.5	65.8	73.3	74.9	79.4	81.3	81.7	84.6	85.0	85.1	86.4	86.6	88.3
≥ 300	42.4	56.4	61.6	65.9	73.6	75.4	80.1	82.1	83.0	86.0	86.7	86.9	88.2	88.3	90.0
≥ 200	42.4	56.4	61.6	65.9	73.6	75.5	80.1	82.9	83.3	86.6	87.9	88.1	89.6	90.0	91.6
≥ 100	42.4	56.4	61.6	65.9	73.6	75.5	80.1	82.9	83.3	86.6	88.1	88.3	90.2	90.6	92.6
≥ 0	42.4	56.4	61.6	65.9	73.6	75.5	80.1	82.9	83.3	86.6	88.1	88.3	90.2	90.6	93.2

TOTAL NUMBER OF OBSERVATIONS

2882

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 40-70 YEARS JAN
STATION STATION NAME MONTH
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

DATA PROCESSING DIVISION

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥1/8	≥0	
NO CEILING	23.3	28.1	29.1	30.4	31.7	32.0	33.1	33.6	33.8	34.1	35.0	35.0	35.7	35.9	36.6	38.7	
≥ 20000	24.5	30.4	31.7	33.0	34.4	34.9	36.1	36.6	36.8	37.8	38.1	38.1	38.8	39.1	39.8	41.1	
≥ 18000	25.1	30.7	32.0	33.3	34.9	35.3	36.4	37.0	37.2	38.0	38.3	38.3	39.2	39.5	40.2	42.0	
≥ 16000	25.3	30.9	32.2	33.6	35.1	35.6	36.6	37.2	37.4	38.3	38.6	38.6	39.3	39.7	40.4	42.3	
≥ 14000	26.2	32.0	32.4	34.9	36.3	36.9	38.0	38.6	38.8	39.6	40.2	40.2	40.9	41.2	41.9	43.7	
≥ 12000	27.1	33.2	34.7	36.2	38.1	38.4	39.6	40.2	40.4	41.2	41.8	41.8	42.5	42.7	43.3	45.2	
≥ 10000	27.7	34.2	35.8	37.4	39.3	39.7	40.9	41.5	41.7	42.5	43.1	43.1	43.9	44.1	44.8	46.8	
≥ 9000	27.7	34.4	35.9	37.0	39.3	39.9	41.0	41.7	41.8	42.7	43.3	43.3	44.1	44.3	45.1	47.1	
≥ 8000	28.3	35.1	36.7	38.4	40.4	40.8	42.0	42.6	42.8	43.7	44.3	44.3	45.0	45.3	46.1	48.0	
≥ 7000	28.7	35.6	37.3	39.0	41.0	41.5	42.7	43.4	43.6	44.4	45.1	45.1	45.8	46.1	46.9	48.7	
≥ 6000	29.2	36.2	38.0	39.6	41.6	42.2	43.5	44.2	44.3	45.2	45.8	45.8	46.6	47.1	47.7	49.6	
≥ 5000	30.0	37.2	39.1	41.0	42.3	43.6	44.6	45.3	45.7	46.7	47.2	47.2	48.0	48.2	49.0	50.7	
≥ 4500	30.2	37.4	39.3	41.4	43.3	43.9	45.3	46.0	46.7	47.0	47.6	47.6	48.4	48.6	49.3	51.4	
≥ 4000	30.6	38.4	40.6	42.5	44.9	45.3	46.7	47.4	47.6	48.3	49.1	49.1	49.9	50.1	50.9	52.4	
≥ 3500	31.4	39.5	41.8	43.7	46.1	46.8	47.9	48.7	48.9	49.7	50.3	50.3	51.1	51.4	52.2	54.1	
≥ 3000	32.7	41.1	43.4	45.4	47.9	48.4	49.8	50.6	50.7	51.6	52.3	52.3	53.0	53.3	54.1	56.0	
≥ 2500	33.9	42.1	45.2	47.3	49.9	50.3	51.7	52.5	52.7	53.6	54.3	54.3	55.1	55.3	56.2	58.1	
≥ 2000	36.0	46.0	48.9	51.1	54.2	54.6	54.8	55.3	55.7	57.4	58.1	59.2	60.0	60.2	61.1	63.0	
≥ 1800	36.3	46.5	49.4	51.9	55.1	55.6	57.1	58.1	58.3	59.7	60.0	60.0	60.8	61.1	61.9	63.9	
≥ 1500	36.7	47.7	51.1	54.0	57.4	57.9	59.6	60.7	60.9	62.1	62.9	62.9	63.7	64.1	64.9	66.8	
≥ 1200	37.3	49.1	52.8	56.0	60.0	60.7	62.6	63.4	64.0	65.3	66.2	66.2	67.1	67.3	68.2	70.7	
≥ 1000	37.6	49.7	53.6	57.0	61.5	62.3	64.5	65.8	66.0	67.5	68.4	68.4	69.3	69.5	70.4	72.4	
≥ 900	37.8	50.2	54.2	57.9	62.6	63.6	66.0	67.1	67.7	69.2	70.1	70.1	71.1	71.3	72.2	74.1	
≥ 800	38.0	50.3	54.6	58.1	64.3	65.2	67.6	69.3	69.7	71.4	72.3	72.3	73.1	73.3	74.4	76.4	
≥ 700	38.0	50.6	54.9	59.7	65.6	66.6	69.6	71.4	71.7	73.6	74.4	74.4	75.3	75.7	76.7	78.7	
≥ 600	38.2	50.8	55.2	60.2	66.3	67.1	71.2	73.4	73.7	75.9	76.9	76.9	77.9	78.2	79.1	81.2	
≥ 500	38.2	50.9	55.4	60.7	67.6	68.9	73.0	75.6	76.0	78.4	79.7	79.7	80.6	81.1	82.1	84.1	
≥ 400	38.2	51.0	55.5	60.5	68.1	69.9	74.0	77.0	77.5	80.4	81.1	81.1	82.9	83.2	84.2	86.3	
≥ 300	38.2	51.0	55.5	60.9	68.3	70.0	75.0	78.3	78.9	82.4	84.0	84.0	85.3	85.6	87.0	89.1	
≥ 200	38.2	51.1	55.5	60.9	68.3	70.1	75.1	78.7	79.3	83.2	85.0	85.1	86.6	87.3	88.7	91	
≥ 100	38.2	51.0	55.5	60.9	68.5	70.1	75.1	78.7	79.3	83.3	85.1	85.2	87.0	87.7	89.8	93	
≥ 0	38.2	51.0	55.5	60.9	68.5	70.1	75.1	78.7	79.3	83.3	85.1	85.2	87.0	87.7	90.7	100	

TOTAL NUMBER OF OBSERVATIONS

2882

USAF ETAC FORM 10-64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 40-70 YEARS JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-1100
HOURS 1547

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥½	≥1/16	≥¼
NO CEILING ≥ 20000	21.7	27.7	29.3	31.4	32.6	33.1	34.1	34.6	34.7	34.9	35.2	35.2	35.6	35.7	35.9	36.5
≥ 24,000	24.0	31.0	33.7	36.3	38.0	38.1	39.0	40.2	40.3	40.4	40.5	41.0	41.3	41.4	41.5	42.2
≥ 18,000	24.7	32.0	34.0	36.6	38.4	39.0	40.0	40.5	40.7	41.0	41.3	41.4	41.7	41.9	42.0	42.7
≥ 16,000	24.0	32.5	34.4	37.0	38.6	39.4	40.4	41.0	41.1	41.4	41.6	41.8	42.2	42.3	42.4	43.0
≥ 14,000	25.0	33.0	35.5	38.4	40.1	40.7	41.5	42.3	42.7	43.0	43.3	43.4	43.7	43.9	44.0	44.7
≥ 12,000	26.0	34.0	36.5	39.5	41.9	42.6	43.7	44.3	44.5	44.8	45.2	45.3	45.6	45.7	46.0	46.7
≥ 10,000	27.1	36.0	38.1	41.2	43.4	44.1	45.1	45.7	45.9	46.3	46.7	46.7	47.1	47.3	47.4	48.2
≥ 9,000	27.0	36.5	38.6	41.6	43.8	44.5	45.5	46.2	46.5	46.7	47.1	47.3	47.5	47.7	47.9	48.7
≥ 8,000	28.0	37.0	39.3	42.5	44.0	45.5	46.6	47.3	47.4	47.6	48.2	48.2	48.6	48.6	49.0	49.1
≥ 7,000	28.0	37.0	40.0	43.2	45.7	46.4	47.7	48.4	48.5	48.9	49.3	49.7	49.7	49.9	50.1	50.9
≥ 6,000	29.0	38.0	40.6	44.1	46.6	47.3	48.6	49.3	49.4	49.8	50.2	50.4	50.6	50.8	51.0	51.1
≥ 5,000	29.3	39.4	41.9	45.2	47.9	48.9	49.9	50.6	50.8	51.2	51.6	52.0	52.2	52.4	52.7	53.2
≥ 4,500	29.8	39.7	42.3	45.3	48.4	49.1	50.3	51.2	51.4	51.8	52.1	52.2	52.6	52.6	53.0	53.6
≥ 4,000	30.1	40.7	43.5	47.1	49.9	50.6	52.1	52.9	53.1	53.2	53.8	53.9	54.4	54.7	55.0	55.9
≥ 3,500	30.6	41.5	44.4	48.1	51.1	51.8	53.2	54.0	54.2	54.6	55.0	55.1	55.3	55.7	56.1	56.7
≥ 3,000	31.7	43.0	46.1	49.3	52.8	53.6	55.1	56.1	56.2	56.7	57.0	57.1	57.5	57.8	58.0	58.7
≥ 2,500	32.7	44.6	47.8	51.1	53.0	55.7	57.4	58.3	58.5	59.0	59.3	59.4	59.8	60.0	60.2	61.0
≥ 2,000	34.6	48.0	51.4	55.8	59.3	60.0	61.9	62.9	63.0	63.6	63.9	64.0	64.3	64.7	64.8	65.6
≥ 1,800	34.7	48.5	52.0	56.4	59.9	60.7	62.6	63.8	64.0	64.5	64.9	64.9	65.4	65.6	66.0	66.6
≥ 1,500	35.0	50.1	54.0	59.5	63.1	64.0	66.3	67.3	67.5	68.1	68.6	68.6	69.1	69.1	69.4	70.2
≥ 1,200	35.6	51.1	55.2	60.6	65.2	66.3	68.7	69.0	70.0	70.6	71.3	71.6	71.9	72.1	72.2	73.1
≥ 1,000	35.7	52.2	56.6	62.5	67.7	68.9	71.7	73.0	73.3	74.3	74.6	74.9	75.4	75.6	75.7	76.6
≥ 900	35.8	52.4	57.0	63.2	69.0	70.3	73.4	74.9	75.2	76.5	76.9	77.0	77.5	77.7	77.9	78.7
≥ 800	35.9	52.6	57.3	64.2	70.5	72.0	75.5	77.2	77.7	79.1	79.5	79.6	80.1	80.3	80.5	81.4
≥ 700	35.9	52.8	57.7	65.0	71.7	73.3	77.0	79.2	79.7	81.4	81.9	82.0	82.5	82.7	82.9	83.8
≥ 600	35.9	52.9	57.9	65.4	72.4	74.2	78.2	80.9	81.6	83.4	84.0	84.0	84.7	84.9	85.1	85.9
≥ 500	35.9	53.0	58.0	65.7	73.1	75.0	79.3	82.5	83.1	85.9	86.6	86.7	87.4	87.6	87.8	88.8
≥ 400	35.9	53.1	58.1	65.8	73.7	75.7	80.5	84.3	85.1	88.4	89.5	89.6	90.3	90.6	90.8	91.8
≥ 300	35.9	53.1	58.1	65.9	73.8	75.8	80.8	84.9	85.0	89.7	91.1	91.3	92.3	92.6	93.2	94.4
≥ 200	35.9	53.1	58.1	65.9	73.9	75.9	80.9	85.0	85.9	90.0	91.7	91.9	93.4	94.1	94.6	95.9
≥ 100	35.9	53.1	58.1	65.9	73.9	75.9	80.9	85.0	85.9	90.0	91.7	91.9	93.5	94.2	94.9	97.1
≥ 0	35.9	53.1	58.1	65.9	73.9	75.9	80.9	85.0	85.9	90.0	91.7	91.9	93.5	94.2	94.9	95.0

TOTAL NUMBER OF OBSERVATIONS _____

2881

USAF ETAC FORM 10-64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 40-70

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¾	≥0	
NO CEILING	24.4	32.7	35.3	37.9	39.2	39.8	40.3	40.6	40.6	40.7	40.8	40.6	40.8	40.0	40.0	40.9	40.9
≥ 20000	27.3	37.8	41.1	44.1	45.9	46.5	47.3	47.6	47.6	47.7	47.8	47.0	47.8	47.8	47.9	47.9	47.9
≥ 18000	27.5	38.2	41.4	44.5	46.3	47.0	47.8	48.1	48.1	48.2	48.2	48.2	48.3	48.3	48.4	48.4	48.4
≥ 16000	27.7	38.6	42.0	45.1	46.9	47.6	48.4	48.7	48.7	49.9	49.8	49.8	49.9	49.9	49.9	49.9	49.9
≥ 14000	28.2	39.3	42.7	46.0	48.0	48.6	49.4	49.7	49.8	49.9	49.9	49.9	49.9	50.0	50.0	50.0	50.1
≥ 12000	28.8	40.9	44.5	47.9	49.9	50.6	51.4	51.8	51.8	52.0	52.0	52.0	52.1	52.1	52.1	52.1	52.2
≥ 10000	29.4	41.9	45.6	49.1	51.1	51.8	52.7	53.0	53.0	53.2	53.2	53.2	53.3	53.3	53.4	53.4	53.4
≥ 9000	29.8	42.2	46.0	49.5	51.6	52.3	53.2	53.6	53.6	53.8	53.8	53.8	53.9	53.9	53.9	53.9	54.0
≥ 8000	30.4	43.3	47.0	50.6	52.9	53.6	54.5	54.8	54.9	55.0	55.1	55.1	55.2	55.2	55.2	55.3	55.3
≥ 7000	30.8	43.9	47.6	51.3	53.8	54.4	55.5	55.9	55.9	56.1	56.1	56.1	56.2	56.2	56.3	56.3	56.3
≥ 6000	31.0	44.5	48.3	52.0	54.5	55.1	56.3	56.7	56.7	56.9	56.9	56.9	57.0	57.0	57.1	57.1	57.1
≥ 5000	31.7	45.6	49.5	53.3	55.8	56.4	57.6	58.0	58.0	58.2	58.2	58.2	58.3	58.3	58.3	58.4	58.4
≥ 4500	31.9	46.1	50.0	53.9	56.4	57.0	58.2	58.6	58.6	58.8	58.8	58.8	58.9	58.9	58.9	59.0	59.0
≥ 4000	32.6	47.1	51.1	53.0	57.7	58.4	59.6	60.0	60.0	60.2	60.2	60.2	60.3	60.4	60.4	60.4	60.4
≥ 3500	34.0	48.5	52.5	56.4	59.2	59.9	61.2	61.6	61.6	61.8	61.9	61.9	61.9	62.0	62.0	62.1	62.1
≥ 3000	35.6	50.7	54.9	59.0	61.8	62.5	63.9	64.4	64.4	64.7	64.7	64.7	64.8	64.8	64.9	64.9	64.9
≥ 2500	37.3	53.3	57.7	62.1	65.0	65.8	67.3	67.8	67.8	68.1	68.1	68.1	68.2	68.2	68.3	68.3	68.3
≥ 2000	39.8	57.1	61.8	66.5	69.9	70.7	72.3	73.0	73.0	73.3	73.3	73.3	73.4	73.4	73.5	73.5	73.5
≥ 1800	40.2	57.8	62.5	67.3	70.8	71.6	73.2	74.0	74.1	74.3	74.4	74.4	74.5	74.5	74.5	74.6	74.6
≥ 1500	41.0	59.6	64.6	69.6	73.4	74.3	76.0	77.0	77.1	77.5	77.5	77.5	77.7	77.7	77.7	77.8	77.8
≥ 1200	41.4	61.0	66.2	72.0	76.2	77.3	79.6	80.8	80.9	81.5	81.6	81.6	81.9	81.9	81.9	82.0	82.0
≥ 1000	41.6	61.6	67.3	73.6	78.2	79.4	82.0	83.4	83.6	84.3	84.4	84.4	84.8	84.9	84.9	85.0	85.0
≥ 900	41.7	61.7	67.6	74.4	79.5	80.8	83.7	85.2	85.4	86.2	86.3	86.3	86.7	86.8	86.8	86.9	86.9
≥ 800	41.7	62.4	68.2	75.5	81.1	82.6	85.7	87.6	88.0	89.1	89.2	89.2	89.6	89.7	89.7	89.8	89.8
≥ 700	41.7	62.6	68.4	76.3	82.4	83.8	87.5	89.8	90.1	91.4	91.5	91.5	91.9	92.0	92.0	92.1	92.1
≥ 600	41.7	62.7	68.6	76.9	83.1	84.7	88.8	91.2	91.6	93.0	93.2	93.2	93.6	93.6	93.7	93.7	93.7
≥ 500	41.7	62.9	68.9	77.3	83.8	85.5	89.9	92.5	92.9	94.7	94.9	94.9	95.3	95.4	95.4	95.5	95.5
≥ 400	41.7	62.9	68.9	77.6	84.2	85.7	90.8	93.7	94.1	96.1	96.4	96.4	96.9	97.0	97.2	97.3	97.3
≥ 300	41.7	62.9	68.9	77.7	84.4	86.1	91.1	94.1	94.7	97.0	97.7	97.7	98.5	98.7	99.0	99.3	99.3
≥ 200	41.7	62.9	68.9	77.7	84.4	86.1	91.1	94.1	94.7	97.0	97.7	97.7	98.0	98.0	99.0	99.3	99.3
≥ 100	41.7	62.9	68.9	77.7	84.4	86.1	91.1	94.1	94.7	97.0	97.7	97.7	98.5	98.8	99.0	99.3	99.3
≥ 0	41.7	62.9	68.9	77.7	84.4	86.1	91.1	94.1	94.7	97.0	97.7	97.7	98.5	98.8	99.0	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

2843

USAF ETAC FORM JUL-64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 40-70

YEARS

JAN

1500-1700

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	30.2	38.6	41.3	43.3	44.6	45.2	45.9	46.1	46.2	46.4	46.4	46.4	46.4	46.5	46.5
≥ 20000	35.4	45.6	49.2	51.7	53.1	54.0	54.7	55.0	55.1	55.3	55.3	55.4	55.4	55.4	55.5
≥ 18000	35.7	46.0	49.7	52.2	53.7	54.5	55.3	55.5	55.6	55.9	55.9	55.9	55.9	55.9	56.0
≥ 16000	35.8	46.3	50.0	52.5	54.0	54.9	55.7	55.9	56.0	56.3	56.3	56.3	56.3	56.3	56.4
≥ 14000	36.6	47.8	51.7	54.3	55.8	56.6	57.5	57.8	57.9	58.1	58.1	58.1	58.2	58.2	58.3
≥ 12000	37.7	49.5	53.6	56.3	57.9	58.8	59.8	60.1	60.2	60.4	60.4	60.4	60.5	60.5	60.6
≥ 10000	38.5	50.7	55.1	57.9	59.5	60.5	61.4	61.7	61.8	62.1	62.1	62.1	62.1	62.1	62.2
≥ 9000	38.8	51.2	55.6	58.5	60.1	61.1	62.1	62.3	62.4	62.7	62.7	62.7	62.7	62.7	62.8
≥ 8000	39.6	52.4	56.9	59.8	61.5	62.4	63.4	63.7	63.8	64.1	64.1	64.1	64.1	64.1	64.2
≥ 7000	40.0	53.0	57.5	60.6	62.3	63.3	64.4	64.7	64.8	65.0	65.0	65.0	65.0	65.1	65.1
≥ 6000	40.3	53.6	58.0	61.2	62.9	63.9	65.0	65.3	65.4	65.6	65.6	65.6	65.7	65.7	65.8
≥ 5000	40.7	54.1	58.7	61.8	63.6	64.7	65.8	66.1	66.3	66.5	66.5	66.5	66.5	66.6	66.6
≥ 4500	41.0	54.7	59.3	62.5	64.3	65.3	66.5	66.8	66.9	67.2	67.2	67.2	67.2	67.2	67.3
≥ 4000	41.9	56.1	60.7	64.0	65.9	66.9	68.1	68.4	68.5	68.7	68.7	68.7	68.7	68.8	68.9
≥ 3500	42.8	57.3	61.9	65.4	67.3	68.3	69.5	69.9	70.0	70.2	70.2	70.2	70.3	70.3	70.4
≥ 3000	44.3	59.3	64.2	67.8	69.9	70.9	72.0	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.7
≥ 2500	45.5	61.2	66.1	70.0	72.0	73.1	74.3	74.6	74.7	75.1	75.1	75.1	75.2	75.2	75.3
≥ 2000	47.5	64.0	69.2	73.5	75.9	76.9	78.2	78.3	79.0	79.4	79.5	79.5	79.6	79.6	79.7
≥ 1800	47.9	64.6	69.9	74.2	76.6	77.7	79.0	79.6	79.8	80.3	80.4	80.4	80.5	80.5	80.6
≥ 1500	48.7	66.2	71.8	76.4	79.4	80.5	82.0	82.8	83.1	83.8	83.9	83.9	84.0	84.0	84.1
≥ 1200	49.0	67.6	73.4	78.8	82.4	83.8	85.5	86.6	87.0	87.9	88.0	88.0	88.2	88.2	88.3
≥ 1000	49.2	68.5	74.6	80.5	84.3	85.8	87.7	89.0	89.4	90.5	90.6	90.6	90.8	90.8	90.9
≥ 900	49.3	68.8	75.0	81.2	85.4	87.0	89.1	90.5	91.0	92.2	92.4	92.4	92.6	92.6	92.7
≥ 800	49.4	69.0	75.4	82.0	86.3	87.9	90.5	91.9	92.4	93.9	94.1	94.2	94.4	94.4	94.5
≥ 700	49.4	69.2	75.6	82.7	87.2	89.9	91.5	93.2	93.7	95.3	95.6	95.7	95.9	95.9	96.0
≥ 600	49.6	69.2	75.7	82.9	87.7	89.3	92.3	94.0	95.9	96.1	96.3	96.5	96.7	96.8	96.9
≥ 500	49.6	69.3	75.8	83.3	88.3	90.1	93.0	94.8	95.3	97.2	97.6	97.6	98.0	98.0	98.1
≥ 400	49.6	69.3	75.8	83.4	88.4	90.3	93.2	95.0	95.6	97.5	97.9	98.0	98.3	98.5	98.5
≥ 300	49.6	69.3	75.8	83.4	88.5	90.3	93.3	95.1	95.8	97.8	98.3	98.4	98.7	98.7	99.0
≥ 200	49.6	69.3	75.8	83.4	88.5	90.3	93.3	95.2	95.9	97.9	98.5	98.6	99.0	99.0	99.5
≥ 100	49.6	69.3	75.8	83.4	88.5	90.3	93.3	95.2	95.9	98.0	98.0	98.7	99.2	99.2	99.9
≥ 0	49.6	69.3	75.8	83.4	88.5	90.3	93.3	95.2	95.9	98.0	98.0	98.7	99.2	99.2	99.9

TOTAL NUMBER OF OBSERVATIONS

2883

USAF ETAC FORM 014-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 40-70

YEARS

JAN

1400-2400

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅔	≥⅓	≥5/16	≥4/5	≥2
NO CEILING	36.7	45.4	47.5	49.0	51.9	52.3	52.9	53.3	53.3	53.7	53.9	53.7	53.9	53.9	54.0	54.1
≥ 20000	40.0	49.8	52.2	54.7	57.3	57.8	58.5	59.1	59.2	59.5	59.7	59.7	59.8	59.8	59.9	60.0
≥ 18000	40.2	50.2	52.6	55.2	57.8	58.3	59.1	59.6	59.7	60.1	60.2	60.2	60.3	60.3	60.4	60.5
≥ 16000	40.3	50.3	52.7	55.3	57.9	58.5	59.2	59.8	59.9	60.2	60.4	60.4	60.5	60.5	60.6	60.7
≥ 14000	41.0	51.4	53.9	56.5	59.2	59.9	60.6	61.1	61.2	61.6	61.8	61.9	61.8	61.8	62.0	62.0
≥ 12000	41.7	52.3	54.9	57.7	60.5	61.2	62.0	62.5	62.6	63.0	63.2	63.2	63.2	63.2	63.4	63.4
≥ 10000	42.7	53.6	56.4	59.4	62.3	62.9	63.8	64.4	64.4	64.8	65.0	65.0	65.1	65.1	65.2	65.3
≥ 9000	43.2	54.3	57.2	60.3	63.1	63.8	64.6	65.2	65.3	65.6	65.8	65.8	65.9	65.9	66.0	66.1
≥ 8000	43.9	55.3	58.2	61.3	64.1	64.9	65.8	66.3	66.4	66.8	67.0	67.0	67.0	67.0	67.2	67.2
≥ 7000	44.5	56.1	58.9	62.0	65.0	65.7	66.6	67.2	67.2	67.6	67.8	67.8	67.9	67.9	68.0	68.1
≥ 6000	44.9	56.8	59.7	62.8	65.8	66.6	67.5	68.0	68.1	68.5	68.7	68.7	68.7	68.7	68.9	68.9
≥ 5000	45.5	57.6	60.7	63.9	67.0	67.8	68.8	69.4	69.5	69.9	70.1	70.1	70.1	70.1	70.3	70.3
≥ 4500	46.0	58.3	61.8	65.0	68.0	68.8	69.9	70.5	70.5	71.0	71.1	71.1	71.2	71.2	71.3	71.4
≥ 4000	46.9	59.7	63.1	66.3	69.4	70.2	71.3	71.9	71.9	72.3	72.5	72.5	72.6	72.6	72.7	72.8
≥ 3500	47.7	60.8	64.4	67.6	70.8	71.6	72.6	73.2	73.3	73.7	73.9	73.9	74.0	74.0	74.1	74.2
≥ 3000	49.0	62.4	66.2	69.5	72.7	73.6	74.6	75.3	75.3	75.7	75.9	75.9	76.0	76.0	76.1	76.2
≥ 2500	50.0	63.7	67.7	71.2	74.5	75.4	76.5	77.1	77.2	77.6	77.8	77.8	77.8	77.8	78.0	78.0
≥ 2000	51.7	65.9	70.2	74.0	77.5	78.3	79.6	80.2	80.3	80.8	81.0	81.0	81.1	81.1	81.2	81.3
≥ 1800	52.1	66.4	70.9	74.6	78.3	79.1	80.4	81.1	81.2	81.3	82.0	82.0	82.0	82.0	82.2	82.2
≥ 1500	52.8	67.8	72.6	76.7	80.8	81.9	83.1	84.0	84.1	84.8	84.9	84.9	85.1	85.1	85.2	85.3
≥ 1200	53.5	69.0	74.4	78.8	82.4	84.5	86.0	87.0	87.1	87.7	87.9	87.9	88.1	88.1	88.2	88.3
≥ 1000	53.7	69.7	75.1	79.8	85.1	86.3	88.2	89.3	89.4	90.2	90.4	90.5	90.6	90.6	90.7	90.8
≥ 900	53.9	70.1	75.5	80.4	86.0	87.2	89.1	90.2	90.3	91.1	91.4	91.4	91.6	91.6	91.7	91.8
≥ 800	54.1	70.5	76.1	81.5	87.3	88.5	90.6	91.9	92.1	93.0	93.3	93.4	93.5	93.5	93.7	93.7
≥ 700	54.1	70.6	76.2	81.6	87.7	89.0	91.1	92.5	92.7	93.8	94.1	94.2	94.3	94.3	94.4	94.5
≥ 600	54.1	70.7	76.4	82.2	88.4	89.7	92.0	93.4	93.6	94.9	95.2	95.3	95.4	95.4	95.6	95.6
≥ 500	54.1	70.7	76.4	82.2	86.7	90.1	92.6	94.1	94.5	95.9	96.4	96.4	96.6	96.6	96.7	96.8
≥ 400	54.1	70.8	76.5	82.3	89.0	90.5	93.1	94.6	95.0	96.0	97.1	97.2	97.5	97.5	97.7	97.8
≥ 300	54.1	70.8	76.5	82.4	89.1	90.6	93.3	95.0	95.4	97.1	97.6	97.7	98.0	98.1	98.3	98.4
≥ 200	54.1	70.8	76.5	82.4	89.1	90.6	93.4	95.1	95.5	97.4	98.0	98.1	98.5	98.5	98.9	99.0
≥ 100	54.1	70.8	76.5	82.4	89.1	90.6	93.4	95.1	95.5	97.5	98.2	98.2	98.7	98.8	99.3	99.5
≥ 0	54.1	70.8	76.5	82.4	89.1	90.6	93.4	95.1	95.5	97.5	98.2	98.2	98.7	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS.

2882

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 40-70

JAN

YEARS

2100-2300
HOURS (EST.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥4	≥0
NO CEILING ≥ 20000	36.7	44.5	47.3	49.0	51.3	51.8	52.6	53.0	53.2	53.6	53.8	54.2	54.2	54.4	55.0	
	38.6	47.2	50.2	52.0	54.3	54.9	55.8	56.3	56.5	57.0	57.2	57.2	57.6	57.7	57.9	58.5
≥ 18000	38.5	47.3	50.3	52.2	54.7	55.2	56.1	56.6	56.7	57.2	57.5	57.5	57.9	57.9	58.1	58.7
≥ 16000	28.6	47.4	50.4	52.3	54.9	55.4	56.3	56.8	56.9	57.5	57.7	57.7	58.1	58.2	58.4	59.0
≥ 14000	39.2	48.2	51.3	53.2	56.0	56.4	57.3	57.9	58.0	58.6	58.8	58.8	59.2	59.3	59.5	60.1
≥ 12000	39.9	49.0	52.1	54.1	57.1	57.6	58.5	59.0	59.2	59.7	60.0	60.0	60.4	60.5	60.7	61.1
≥ 10000	41.1	50.5	53.7	55.7	59.0	59.6	60.3	61.0	61.2	61.7	62.0	62.0	62.4	62.4	62.7	63.2
≥ 9000	41.4	51.1	54.3	56.4	59.7	60.3	61.2	61.7	61.9	62.4	62.7	62.7	63.1	63.2	63.4	64.0
≥ 8000	42.2	52.1	55.4	57.5	60.8	61.4	62.3	62.9	63.0	63.6	63.9	63.9	64.2	64.3	64.5	65.1
≥ 7000	42.6	52.8	56.1	58.2	61.5	62.1	63.1	63.6	63.8	64.4	64.6	64.6	65.0	65.1	65.3	65.9
≥ 6000	42.7	53.3	56.6	58.8	62.1	62.8	63.7	64.2	64.4	65.0	65.3	65.3	65.6	65.7	65.9	66.5
≥ 5000	43.3	54.5	58.2	60.4	63.8	64.4	65.4	66.0	66.2	66.7	67.0	67.0	67.4	67.5	67.7	68.3
≥ 4500	43.8	55.3	59.1	61.4	64.8	65.4	66.4	67.1	67.2	67.6	68.1	68.1	68.4	68.5	68.7	69.3
≥ 4000	44.0	56.5	60.3	62.7	64.1	66.8	67.8	68.4	68.6	69.2	69.5	69.5	69.8	69.9	70.1	70.7
≥ 3500	45.6	57.8	61.7	64.1	67.6	68.2	69.3	69.9	70.0	70.6	70.9	70.9	71.3	71.4	71.6	72.2
≥ 3000	46.8	59.4	63.6	66.0	69.5	70.5	71.5	72.1	72.3	72.9	73.1	73.1	73.6	73.6	73.8	74.4
≥ 2500	47.9	61.2	65.4	68.0	71.8	72.5	73.6	74.2	74.3	74.9	75.2	75.2	75.6	75.7	75.9	76.5
≥ 2000	49.9	63.8	68.2	70.9	75.1	75.8	76.9	77.5	77.7	78.3	78.6	78.6	79.0	79.1	79.3	79.9
≥ 1800	50.3	64.4	68.9	71.5	73.0	76.7	77.8	78.4	78.5	79.2	79.3	79.3	79.9	80.0	80.2	80.8
≥ 1500	50.7	65.3	69.5	72.8	77.7	78.4	79.6	80.2	80.4	81.1	81.4	81.4	81.8	81.9	82.1	82.7
≥ 1200	51.3	66.3	71.5	74.7	80.1	80.9	82.4	83.1	83.3	84.0	84.4	84.4	84.8	84.9	85.1	85.7
≥ 1000	51.6	66.9	72.4	75.8	81.0	82.5	84.2	85.0	85.2	86.0	86.4	86.4	86.6	86.8	87.1	87.7
≥ 900	51.7	67.2	72.7	76.2	82.3	83.3	85.3	86.1	86.3	87.1	87.5	87.5	88.0	88.0	88.3	88.9
≥ 800	51.8	67.5	73.2	77.1	83.4	84.5	86.6	87.5	87.7	88.3	89.1	89.1	89.6	89.7	89.9	90.5
≥ 700	51.9	67.7	73.4	77.5	84.2	85.4	87.7	88.6	88.9	90.0	90.4	90.4	90.9	91.0	91.2	91.8
≥ 600	51.9	67.8	73.7	77.9	85.0	86.3	88.6	89.7	90.0	91.4	91.8	91.8	92.3	92.3	92.6	93.2
≥ 500	51.9	67.9	73.8	78.0	85.4	86.8	89.6	90.8	91.0	92.0	93.1	93.1	93.6	93.7	93.9	94.5
≥ 400	51.9	67.9	73.8	78.0	85.5	86.9	90.0	91.3	91.5	93.2	93.8	93.8	94.3	94.4	94.7	95.2
≥ 300	51.9	67.9	73.8	78.1	85.6	87.1	90.2	91.5	91.8	93.8	94.6	94.6	95.2	95.3	95.7	96.3
≥ 200	51.9	67.9	73.8	78.1	85.7	87.1	90.3	91.7	92.0	94.2	95.1	95.2	95.9	96.1	96.3	97.1
≥ 100	51.9	67.9	73.8	78.1	85.7	87.1	90.3	91.7	92.0	94.4	95.4	95.4	96.3	96.6	97.1	98.1
0	51.9	67.9	73.8	78.1	85.7	87.1	90.3	91.7	92.0	94.4	95.4	95.4	96.3	96.7	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS

2881

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 40-70 YEARS FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURLY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	45.1	51.7	53.3	53.9	54.7	55.0	55.2	55.4	55.4	55.9	56.1	56.2	56.3	56.3	56.7	56.9
	48.3	55.2	57.1	57.7	59.0	58.9	59.1	59.3	59.3	59.8	60.0	60.2	60.3	60.3	60.7	60.9
≥ 18000	48.3	55.3	57.3	57.9	58.8	59.1	59.4	59.5	59.5	60.0	60.3	60.4	60.7	60.8	61.0	61.1
≥ 16000	48.3	56.1	58.0	58.6	59.3	59.7	60.0	60.2	60.2	60.7	60.9	61.0	61.3	61.4	61.6	61.8
≥ 14000	49.8	57.4	59.4	60.0	61.0	61.4	61.6	61.8	62.3	62.6	62.7	63.0	63.1	63.3	63.4	
≥ 12000	50.6	58.6	60.5	61.2	62.2	62.6	62.9	63.1	63.1	63.6	63.8	63.9	64.3	64.4	64.6	64.7
≥ 10000	52.3	60.3	62.4	63.0	64.1	64.6	64.9	65.1	65.1	65.6	65.8	65.9	66.3	66.4	66.6	66.7
≥ 9000	52.8	60.9	63.0	63.8	64.8	65.3	65.6	65.8	65.8	66.3	66.5	66.6	67.0	67.1	67.3	67.4
≥ 8000	53.6	61.8	63.9	64.7	65.8	66.4	66.6	66.8	66.8	67.3	67.5	67.7	68.0	68.1	68.3	68.5
≥ 7000	54.7	63.2	65.4	66.3	67.4	68.0	68.2	68.4	68.4	68.9	69.1	69.3	69.6	69.7	69.9	70.1
≥ 6000	55.8	64.4	66.7	67.6	68.7	69.2	69.5	69.7	69.7	70.2	70.4	70.5	70.9	71.0	71.2	71.3
≥ 5000	56.8	65.0	68.3	69.2	70.3	70.8	71.1	71.3	71.3	71.8	72.0	72.1	72.5	72.6	72.8	72.9
≥ 4500	57.1	66.2	68.8	69.7	70.8	71.4	71.6	71.8	71.8	72.3	72.6	72.7	73.1	73.1	73.3	73.5
≥ 4000	58.1	67.6	70.2	71.2	72.2	72.8	73.0	73.3	73.4	73.4	74.0	74.3	74.4	74.6	74.9	75.1
≥ 3500	59.1	68.8	71.4	72.4	73.6	74.2	74.5	74.7	74.7	75.2	75.5	75.7	76.0	76.1	76.3	76.5
≥ 3000	60.0	69.9	72.6	73.6	75.0	75.6	75.9	76.1	76.1	76.6	76.9	77.1	77.5	77.6	77.8	77.9
≥ 2500	60.7	70.8	73.5	74.6	76.0	76.6	76.9	77.2	77.2	77.8	78.0	78.2	78.6	78.7	78.9	79.0
≥ 2000	62.6	73.1	76.0	77.2	78.7	79.4	79.7	80.0	80.0	80.6	80.9	81.0	81.4	81.6	81.8	82.0
≥ 1800	63.5	74.2	77.2	78.4	80.1	80.9	81.2	81.6	81.6	82.2	82.5	82.6	83.0	83.2	83.4	83.6
≥ 1500	64.5	75.8	79.0	80.5	82.3	83.1	83.5	84.0	84.0	84.7	85.0	85.1	85.5	85.7	85.9	86.1
≥ 1200	65.4	77.3	80.5	82.1	84.1	84.9	85.6	86.1	86.2	86.9	87.2	87.3	87.7	87.9	88.1	88.3
≥ 1000	65.9	78.1	81.6	83.4	85.8	86.7	87.4	88.0	88.0	88.9	89.1	89.3	89.7	89.9	90.1	90.2
≥ 900	66.1	78.6	82.2	84.2	86.7	87.7	88.5	89.1	89.1	90.0	90.2	90.4	90.9	91.0	91.2	91.4
≥ 800	66.3	79.1	82.7	84.7	87.6	88.6	89.5	90.1	90.1	91.0	91.3	91.4	91.9	92.0	92.3	92.4
≥ 700	66.4	79.3	82.9	85.0	88.0	89.1	89.9	90.6	90.6	91.5	91.8	91.9	92.4	92.6	92.8	93.0
≥ 600	66.4	79.5	83.2	85.2	88.3	89.4	90.6	91.2	91.2	92.3	92.6	92.7	93.2	93.4	93.6	93.8
≥ 500	66.6	79.6	83.3	85.3	88.9	90.0	91.4	92.0	92.1	93.3	93.6	93.7	94.2	94.4	94.6	94.8
≥ 400	66.7	79.8	83.6	85.7	89.3	90.6	92.2	92.8	92.8	94.1	94.3	94.5	95.0	95.1	95.4	95.5
≥ 300	66.7	79.8	83.6	85.7	89.4	90.7	92.6	93.3	93.3	94.9	95.1	95.3	95.8	96.0	96.2	96.4
≥ 200	66.7	79.8	83.6	85.7	89.6	90.9	92.6	93.5	93.6	94.3	95.7	95.9	96.5	96.6	97.0	97.1
≥ 100	66.7	79.8	83.6	85.7	89.6	90.9	92.7	93.6	93.6	95.4	95.8	96.0	96.6	96.8	97.3	97.8
0	66.7	79.8	83.6	85.7	89.6	90.9	92.7	93.6	93.6	95.4	95.8	96.0	96.6	96.8	97.3	97.8

TOTAL NUMBER OF OBSERVATIONS —

2625

USAF ETAC FORM 14-64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 40-70 YEARS FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
FOOT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	39.4	43.5	47.3	48.2	49.3	49.5	50.3	51.0	51.1	51.6	51.9	51.9	52.2	52.4	52.9	53.5
≥ 20000	41.4	48.5	50.4	51.2	52.5	52.8	53.7	54.6	54.5	55.0	55.4	55.4	55.6	55.9	56.4	57.0
≥ 18000	41.9	48.6	50.2	51.3	52.6	52.9	53.8	54.5	54.6	55.1	55.4	55.4	55.7	56.0	56.5	57.1
≥ 16000	42.0	48.8	50.4	51.5	52.8	53.1	54.0	54.6	54.8	55.2	55.6	55.6	55.9	56.2	56.7	57.3
≥ 14000	42.4	49.6	51.4	52.5	53.9	54.2	55.1	55.8	55.9	56.4	56.8	56.8	57.0	57.3	57.8	58.4
≥ 12000	43.3	50.7	52.6	53.7	55.3	55.6	56.6	57.3	57.4	57.9	58.3	58.3	58.5	58.8	59.3	60.0
≥ 10000	44.1	51.9	53.9	55.0	56.6	57.0	58.0	58.7	58.8	59.4	59.7	59.7	60.0	60.3	60.8	61.5
≥ 9000	44.6	52.5	54.5	55.7	57.3	57.7	58.8	59.5	59.6	60.1	60.5	60.5	60.8	61.1	61.6	62.3
≥ 8000	45.3	53.3	55.4	56.3	58.2	58.7	59.7	60.4	60.5	61.1	61.5	61.5	61.7	62.0	62.6	63.2
≥ 7000	46.1	54.2	56.4	57.5	59.2	59.7	60.7	61.4	61.5	62.1	62.5	62.5	62.7	63.1	63.6	64.3
≥ 6000	46.7	54.9	57.2	58.4	60.2	60.6	61.6	62.4	62.5	63.1	63.4	63.4	63.7	64.0	64.6	65.2
≥ 5000	47.8	56.4	58.7	59.9	61.7	62.2	63.2	63.9	64.0	64.6	65.0	65.0	65.3	65.6	66.1	66.8
≥ 4500	48.2	56.8	59.3	60.5	62.3	62.8	63.8	64.5	64.6	65.2	65.8	65.8	65.9	66.2	66.7	67.4
≥ 4000	48.8	57.8	60.4	61.6	63.5	64.0	65.1	65.8	65.9	66.5	66.9	66.9	67.1	67.4	68.0	68.6
≥ 3500	49.4	58.7	61.3	62.6	64.6	65.0	66.1	66.8	66.9	67.5	67.9	67.9	68.2	68.5	69.0	69.7
≥ 3000	50.5	60.0	62.8	64.1	66.2	66.7	67.7	68.5	68.6	69.2	69.6	69.6	69.9	70.2	70.7	71.4
≥ 2500	52.2	62.1	65.0	66.3	68.4	68.9	70.0	70.8	70.9	71.6	72.0	72.0	72.2	72.5	73.1	73.7
≥ 2000	54.6	65.2	68.2	70.0	72.1	72.7	73.8	74.6	74.7	75.3	75.7	75.7	76.0	76.3	76.9	77.5
≥ 1800	54.7	65.9	69.1	70.9	73.2	73.7	74.8	75.6	75.8	76.4	76.8	76.8	77.1	77.4	78.0	78.6
≥ 1500	55.7	67.7	71.1	73.2	75.8	76.3	77.5	78.3	78.5	79.2	79.6	79.6	79.9	80.2	80.8	81.4
≥ 1200	56.7	69.3	73.1	75.5	78.4	79.1	80.6	81.5	81.6	82.3	82.7	82.7	83.0	83.3	83.9	84.6
≥ 1000	57.1	70.0	74.2	76.8	80.1	80.8	82.5	83.4	83.5	84.3	84.7	84.7	85.0	85.3	85.9	86.5
≥ 900	57.3	70.2	74.4	77.1	80.5	81.3	83.1	84.1	84.2	85.0	85.5	85.5	85.7	86.0	86.6	87.3
≥ 800	57.3	70.5	74.7	77.4	81.2	81.9	83.8	84.8	84.9	85.9	86.3	86.3	86.6	86.9	87.5	88.1
≥ 700	57.5	70.9	75.1	77.9	81.9	82.6	84.6	85.6	85.7	86.7	87.1	87.1	87.4	87.7	88.3	89.0
≥ 600	57.6	71.0	75.2	78.0	82.1	82.9	84.9	86.1	86.2	87.3	87.7	87.7	88.0	88.3	88.9	89.5
≥ 500	57.7	71.1	75.4	78.2	82.6	83.4	85.8	87.0	87.1	88.4	88.9	88.9	89.2	89.5	90.1	90.9
≥ 400	57.8	71.3	75.6	78.6	83.2	84.1	86.8	88.1	88.2	89.9	90.3	90.3	90.7	91.0	91.6	92.4
≥ 300	57.9	71.4	75.8	78.8	83.4	84.5	87.4	89.0	89.2	91.1	91.6	91.6	91.9	92.2	93.0	93.8
≥ 200	58.0	71.5	75.8	78.8	83.6	84.7	87.6	89.3	89.5	91.7	92.4	92.4	92.6	93.1	93.9	94.8
≥ 100	58.0	71.5	75.8	78.8	83.6	84.7	87.6	89.4	89.6	92.1	92.9	92.9	93.6	94.0	95.2	96.3
≥ 0	58.0	71.5	75.8	78.8	83.6	84.7	87.6	89.4	89.6	92.1	92.9	92.9	93.8	94.1	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS

2628

USAF ETAC FORM 10-64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 40-70

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

.0600-.0800
0800-1000

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥⅓	≥⅔	≥⅔	≥0
NO CEILING ≥ 20000	33.1	37.5	38.8	39.7	40.4	40.6	41.3	41.8	41.9	42.6	42.9	42.9	43.5	43.7	44.0	44.8
	35.1	40.6	42.0	43.2	44.2	44.5	45.3	45.8	46.0	46.7	47.0	47.1	47.7	47.9	48.4	49.4
≥ 18000	35.3	40.9	42.3	43.6	44.6	45.1	45.7	46.2	46.4	47.1	47.5	47.5	48.1	48.4	48.8	49.8
≥ 16000	35.6	41.1	42.5	43.7	44.8	45.2	45.9	46.4	46.6	47.3	47.6	47.7	48.3	48.4	49.0	50.0
≥ 14000	35.8	41.3	43.3	44.7	45.8	46.3	47.0	47.5	47.7	48.5	48.8	48.9	49.5	49.7	50.2	51.3
≥ 12000	37.0	43.4	43.2	46.7	47.9	48.4	49.1	49.7	49.8	50.8	51.1	51.2	51.9	52.1	52.6	53.7
≥ 10000	37.5	44.6	46.5	48.1	49.4	50.0	50.7	51.3	51.5	52.4	52.8	52.9	53.6	53.8	54.3	55.4
≥ 9000	38.2	45.6	47.3	48.9	50.3	50.8	51.6	52.2	52.4	53.3	53.7	53.7	54.5	54.7	55.2	56.3
≥ 8000	39.2	46.7	48.7	50.3	51.7	52.2	53.0	53.8	53.9	54.8	55.3	55.3	56.0	56.2	56.7	57.8
≥ 7000	40.0	47.6	49.7	51.4	52.8	53.3	54.1	54.9	55.0	55.9	56.4	56.4	57.1	57.3	57.8	58.9
≥ 6000	40.7	48.6	51.0	52.7	54.2	54.8	55.6	56.3	56.4	57.3	57.8	57.8	58.5	58.8	59.2	60.3
≥ 5000	41.7	50.2	52.5	54.3	55.7	56.3	57.1	57.8	58.0	58.9	59.3	59.3	60.0	60.3	60.8	61.8
≥ 4500	42.0	50.9	53.1	54.9	56.4	57.0	57.8	58.5	58.7	59.6	60.0	60.0	60.8	61.0	61.5	62.6
≥ 4000	43.0	51.9	54.1	56.0	57.5	58.1	58.9	59.6	59.8	60.8	61.2	61.2	61.9	62.0	62.7	63.7
≥ 3500	43.5	52.9	55.2	57.1	58.6	59.2	60.1	60.8	61.0	62.0	62.4	62.4	63.2	63.4	63.9	65.0
≥ 3000	44.9	54.3	57.3	58.2	60.8	61.4	62.4	63.1	63.3	64.3	64.7	64.8	65.5	65.7	66.2	67.3
≥ 2500	45.9	56.7	59.3	61.4	63.1	63.7	64.7	65.6	65.7	66.7	67.2	67.2	67.9	68.2	68.6	69.7
≥ 2000	47.5	58.9	61.8	64.4	66.3	67.0	68.1	68.9	69.1	70.2	70.7	70.7	71.4	71.7	72.1	73.2
≥ 1800	47.8	59.5	62.5	65.1	67.1	67.9	69.0	69.9	70.1	71.2	71.6	71.7	72.4	72.6	73.1	74.2
≥ 1500	49.0	61.7	63.0	68.0	70.3	71.2	72.4	73.4	73.5	74.8	75.2	75.3	76.0	76.3	76.4	77.8
≥ 1200	49.7	63.3	66.7	70.2	72.6	73.7	75.2	76.2	76.3	77.7	78.2	78.2	79.0	79.2	79.7	80.8
≥ 1000	50.0	64.5	68.3	72.0	74.6	75.7	77.3	78.4	78.5	80.0	80.4	80.5	81.2	81.3	82.0	83.1
≥ 900	50.1	64.9	68.8	72.7	75.3	76.7	78.4	79.5	79.7	81.2	81.6	81.7	82.4	82.7	83.2	84.2
≥ 800	50.2	65.4	69.4	73.4	76.2	77.3	79.3	80.6	80.7	82.3	82.8	82.9	83.6	83.9	84.4	85.5
≥ 700	50.3	65.9	70.1	74.3	77.3	78.7	80.6	82.0	82.2	83.9	84.4	84.4	85.2	85.5	86.0	87.1
≥ 600	50.4	66.1	70.3	74.3	77.9	79.3	81.3	83.1	83.3	85.1	85.7	85.7	86.3	86.8	87.3	88.3
≥ 500	50.4	66.1	70.5	74.7	78.4	79.8	82.3	84.2	84.4	86.5	87.1	87.1	88.0	88.3	88.8	89.9
≥ 400	50.5	66.2	70.6	75.0	79.0	80.7	83.4	85.9	86.2	88.9	89.7	89.7	90.7	91.1	91.8	93.0
≥ 300	50.5	66.2	70.6	75.0	79.0	80.7	83.5	86.0	86.3	89.2	90.3	90.3	91.4	92.0	92.8	94.4
≥ 200	50.5	66.2	70.6	75.0	79.0	80.7	83.5	86.0	86.3	89.2	90.4	90.4	91.8	92.5	93.0	95.3
≥ 100	50.5	66.2	70.6	73.0	79.0	80.7	83.5	86.0	86.3	89.2	90.4	90.5	91.8	92.5	93.0	95.3
≥ 0	50.5	66.2	70.6	75.0	79.0	80.7	83.5	86.0	86.3	89.2	90.4	90.5	91.8	92.5	93.0	95.3

TOTAL NUMBER OF OBSERVATIONS

2628

USAF ETAC FORM 14-64 0-14-5 (O1 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 40-70 19285 ECP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

4800-1100

CEILING 'FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ ⅓	≥ ⅔	≤ 0	
NO CEILING	32.0	38.3	39.0	40.9	41.5	41.8	42.1	42.1	42.2	42.6	42.7	42.7	42.8	42.	3.0	43.3
≥ 20000	35.6	44.1	45.6	47.3	48.1	48.4	48.9	49.0	49.1	49.4	49.5	49.5	49.7	49.	1.4	50.4
≥ 18000	35.7	44.5	46.2	47.8	48.6	49.0	49.4	49.5	49.6	50.0	50.1	50.1	50.3	50.5	0.5	51.0
≥ 16000	36.1	44.9	46.5	48.2	49.0	49.4	49.8	49.9	50.0	50.4	50.5	50.5	50.7	50.9	1.0	51.3
≥ 14000	36.7	45.1	46.6	49.4	50.5	50.9	51.4	51.5	51.6	52.1	52.3	52.3	52.5	52.5	2.7	53.2
≥ 12000	38.2	47.9	49.5	51.5	52.7	53.1	53.6	53.8	53.9	54.5	54.6	54.6	54.8	54.9	3.1	55.5
≥ 10000	38.7	48.7	50.4	52.5	53.8	54.3	54.8	54.9	55.0	55.6	55.8	55.8	56.0	56.1	4.3	56.7
≥ 9000	29.0	49.2	50.8	52.9	54.2	54.7	55.2	55.3	55.4	56.1	56.3	56.2	56.5	56.7	7.2	
≥ 8000	37.8	50.0	51.8	54.0	55.3	55.8	56.4	56.6	56.7	57.3	57.5	57.7	57.7	57.8	58.0	58.9
≥ 7000	40.7	51.2	53.0	55.2	56.5	57.2	57.8	58.0	58.1	58.8	59.0	59.0	59.2	59.2	59.4	59.9
≥ 6000	41.2	51.9	53.7	56.1	57.5	58.1	58.8	59.0	59.1	59.8	60.0	60.0	60.2	60.2	60.4	60.9
≥ 5000	41.9	52.9	54.7	57.2	58.8	59.8	60.2	60.4	60.5	61.2	61.4	61.4	61.6	61.6	61.2	62.3
≥ 4500	42.5	53.7	55.6	58.1	59.2	60.4	61.1	61.3	61.5	62.1	62.3	62.3	62.5	62.6	62.8	63.3
≥ 4000	43.4	55.2	57.1	59.7	61.5	62.1	62.9	63.0	63.1	63.8	64.0	64.0	64.2	64.2	64.5	64.9
≥ 3500	44.3	56.3	58.4	61.1	62.9	63.6	64.2	64.5	64.6	65.3	65.3	65.3	65.7	65.7	66.0	66.4
≥ 3000	45.5	58.1	60.2	62.9	64.9	65.6	66.4	66.7	66.8	67.5	67.7	67.7	67.9	68.0	68.2	68.7
≥ 2500	46.3	59.7	62.1	63.0	67.0	67.1	67.7	68.7	69.1	69.2	69.8	70.1	70.1	70.3	70.3	70.6
≥ 2000	47.7	62.1	64.9	66.3	70.4	71.2	72.2	72.7	72.8	73.7	74.0	74.0	74.2	74.2	74.4	74.9
≥ 1800	48.1	63.0	65.8	69.3	71.4	72.2	73.3	73.9	74.0	74.9	75.2	75.2	75.4	75.4	75.6	76.1
≥ 1500	49.0	64.9	67.9	71.7	74.1	74.8	76.1	76.8	77.0	77.8	78.1	78.1	78.3	78.3	78.6	79.0
≥ 1000	49.6	66.7	69.9	74.2	76.8	77.6	79.1	80.1	80.3	81.2	81.5	81.5	81.6	81.7	81.9	82.4
≥ 800	49.8	67.7	71.2	75.8	78.8	79.7	81.3	82.3	82.7	83.6	83.9	83.9	84.1	84.1	84.3	84.8
≥ 900	49.9	68.1	71.6	76.4	79.6	80.8	82.0	83.7	83.9	84.0	85.1	85.1	85.3	85.3	85.5	86.0
≥ 800	50.0	68.9	72.5	77.0	81.1	82.3	84.5	85.8	86.0	87.0	87.4	87.4	87.5	87.6	87.8	88.4
≥ 700	50.0	69.3	73.1	78.7	82.1	83.4	85.8	87.2	87.5	88.6	88.9	88.9	89.1	89.2	89.4	89.9
≥ 600	50.0	69.6	73.5	79.2	82.9	84.2	86.9	88.6	88.9	90.1	90.4	90.4	90.7	90.8	91.0	91.5
≥ 500	50.0	69.6	73.8	79.6	83.8	85.1	88.0	89.9	90.3	91.8	92.3	92.3	92.8	92.8	93.1	93.6
≥ 400	50.0	69.6	73.8	80.0	84.3	83.7	86.9	91.0	91.4	93.4	93.9	94.0	94.0	94.3	94.3	95.4
≥ 300	50.0	69.6	73.8	80.0	84.4	85.0	89.1	91.4	91.9	94.2	95.0	95.1	95.6	95.6	96.0	96.6
≥ 200	50.0	69.6	73.8	80.0	84.4	85.8	89.2	91.5	92.0	94.4	95.2	95.4	96.1	96.4	97.0	97.9
≥ 100	50.0	69.6	73.8	80.0	84.4	85.8	89.2	91.5	92.0	94.4	95.3	95.5	96.4	96.5	97.3	98.5
≥ 0	50.0	69.6	73.8	80.0	84.4	85.8	89.2	91.5	92.0	94.4	95.3	95.5	96.4	96.5	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS _____

2626

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 40-70

EDD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ ¼	≥ 0
NO CEILING	34.1	42.4	44.3	43.9	40.6	46.8	46.9	46.9	46.9	46.9	46.9	46.9	47.0	47.0	47.0	47.0
≥ 20000	39.7	50.0	52.5	54.6	56.0	56.2	56.3	56.4	56.4	56.4	56.4	56.4	56.5	56.5	56.5	56.5
≥ 18000	40.2	50.5	53.1	55.2	56.6	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1
≥ 16000	40.7	51.4	54.0	56.7	57.4	57.7	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 14000	41.3	52.5	55.3	57.5	59.0	59.3	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 12000	42.7	54.1	56.9	59.1	60.5	60.8	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 10000	43.5	55.3	58.4	60.7	62.2	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9
≥ 9000	43.7	55.6	58.6	61.0	62.5	62.9	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 8000	44.4	56.4	59.6	62.0	63.6	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4
≥ 7000	45.1	57.4	60.6	63.0	64.5	64.9	65.2	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.5
≥ 6000	45.6	58.3	61.5	64.0	65.5	65.9	66.2	66.3	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5
≥ 5000	46.6	59.5	62.7	65.2	66.7	67.1	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 4500	47.1	60.3	63.5	66.0	67.6	67.9	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 4000	48.3	61.9	65.2	67.8	69.3	69.7	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 3500	49.2	63.0	66.3	68.9	70.3	70.9	71.2	71.3	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5
≥ 3000	51.7	66.3	69.8	72.6	74.2	74.6	75.0	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 2500	53.8	69.2	72.8	75.8	77.4	77.8	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 2000	55.3	72.1	76.2	79.4	81.2	81.7	82.1	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1800	56.0	73.2	77.4	80.7	82.6	83.1	83.6	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1500	57.2	75.4	79.7	83.1	85.3	85.9	86.4	86.8	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1
≥ 1200	57.8	77.3	81.7	85.3	87.7	88.4	89.2	89.7	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1000	58.1	78.4	83.0	86.8	89.5	90.3	91.2	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 900	58.2	78.9	83.7	87.7	90.4	91.3	92.7	93.3	93.4	93.6	93.7	93.7	93.8	93.8	93.8	93.8
≥ 800	58.2	79.4	84.4	88.7	91.6	92.6	94.1	94.9	95.0	95.3	95.6	95.6	95.7	95.7	95.7	95.7
≥ 700	58.2	79.6	84.7	89.3	92.5	93.5	95.2	95.9	96.1	96.6	96.9	96.9	97.0	97.0	97.0	97.0
≥ 600	58.2	79.7	84.9	89.6	93.0	94.0	95.8	96.7	96.9	97.7	97.9	97.9	98.0	98.0	98.0	98.0
≥ 500	58.2	79.8	85.0	90.0	93.5	94.7	96.5	97.6	97.8	98.7	99.0	99.0	99.1	99.1	99.1	99.1
≥ 400	58.2	79.8	85.0	90.1	93.6	94.8	96.7	97.8	98.0	99.0	99.4	99.4	99.5	99.5	99.5	99.5
≥ 300	58.2	79.8	85.0	90.1	93.6	94.8	96.7	97.8	98.1	99.1	99.5	99.5	99.8	99.8	99.8	99.8
≥ 200	58.2	79.8	85.0	90.1	93.6	94.8	96.7	97.8	98.1	99.2	99.5	99.5	99.9	99.9	99.9	99.9
≥ 100	58.2	79.8	85.0	90.1	93.6	94.8	96.7	97.8	98.1	99.2	99.5	99.5	99.9	99.9	99.9	99.9
≤ 0	58.2	79.8	85.0	90.1	93.6	94.8	96.7	97.8	98.1	99.2	99.5	99.5	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

2627

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 40-70

FFB

YEARS

1500-1700

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.1	47.0	48.4	49.5	49.8	49.9	49.9	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0
≥ 20000	48.2	57.1	58.9	60.4	60.8	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.1
≥ 18000	49.2	58.1	59.9	61.4	61.8	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.1
≥ 16000	49.8	59.9	60.6	62.2	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.9
≥ 14000	51.4	61.3	63.2	64.9	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.6	65.6
≥ 12000	53.3	63.3	65.4	67.1	67.6	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.9
≥ 10000	54.2	65.0	66.9	68.7	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.5
≥ 9000	54.5	65.3	67.4	69.1	69.7	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	70.0
≥ 8000	55.4	66.4	68.5	70.3	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1
≥ 7000	56.0	67.2	69.4	71.2	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.2
≥ 6000	56.5	67.8	70.0	71.8	72.5	72.5	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.8
≥ 5000	57.6	69.2	71.4	73.2	73.9	74.0	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.3
≥ 4500	58.2	70.1	72.3	74.1	74.8	74.9	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.2	75.2
≥ 4000	59.5	71.0	74.1	75.9	76.6	76.7	76.8	76.8	76.8	76.9	76.9	76.9	77.0	77.0	77.0
≥ 3500	61.0	73.8	76.0	77.9	78.6	78.7	78.7	78.8	78.8	78.9	78.9	78.9	78.9	79.0	79.0
≥ 3000	63.7	77.2	79.6	81.3	82.3	82.4	82.5	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.8
≥ 2500	65.6	79.8	82.5	84.5	85.4	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9
≥ 2000	67.1	82.2	85.1	87.2	88.2	88.4	88.6	88.7	88.7	88.9	88.9	88.9	89.0	89.0	89.0
≥ 1800	67.8	83.2	86.1	88.2	89.3	89.5	89.7	89.8	89.8	90.0	90.0	90.0	90.1	90.1	90.1
≥ 1500	68.6	84.9	87.9	90.2	91.5	91.7	91.9	92.0	92.0	92.2	92.2	92.3	92.3	92.4	92.4
≥ 1200	69.3	86.4	89.6	92.1	93.5	93.8	94.1	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.7
≥ 1000	69.5	87.3	90.8	93.3	95.0	95.4	95.8	96.0	96.0	96.2	96.3	96.3	96.3	96.4	96.4
≥ 900	69.5	87.4	91.0	93.8	95.4	95.8	96.4	96.7	96.7	97.0	97.0	97.0	97.1	97.1	97.2
≥ 800	69.5	87.5	91.2	94.2	95.8	96.3	97.1	97.6	97.6	98.1	98.1	98.2	98.2	98.3	98.3
≥ 700	69.6	87.6	91.3	94.4	96.1	96.6	97.5	98.1	98.1	98.5	98.5	98.7	98.8	98.8	98.9
≥ 600	69.6	87.6	91.3	94.4	96.2	96.8	97.8	98.5	98.5	99.1	99.2	99.2	99.3	99.4	99.4
≥ 500	69.6	87.7	91.3	94.5	96.3	97.0	97.9	98.7	98.7	99.4	99.4	99.6	99.6	99.7	99.8
≥ 400	69.6	87.7	91.3	94.5	96.3	97.0	97.9	98.7	98.7	99.4	99.4	99.6	99.6	99.7	99.8
≥ 300	69.6	87.7	91.3	94.5	96.3	97.0	97.9	98.7	98.7	99.4	99.4	99.6	99.6	99.8	99.9
≥ 200	69.6	87.7	91.3	94.5	96.3	97.0	97.9	98.7	98.7	99.4	99.4	99.7	99.7	99.8	99.9
≥ 100	69.6	87.7	91.3	94.5	96.3	97.0	97.9	98.7	98.7	99.4	99.4	99.7	99.7	99.8	99.9
≥ 0	69.6	87.7	91.3	94.5	96.3	97.0	97.9	98.7	98.7	99.4	99.4	99.7	99.7	99.8	99.9

TOTAL NUMBER OF OBSERVATIONS

2625

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

21211 HAMILTON AFB CALIF/SAN RAFAEL 40-70

FEB

YEARS

1400-2000

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥½	≥¼	≥0
NO CEILING	49.4	35.4	57.2	58.0	58.6	58.7	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 20000	54.4	61.4	63.3	64.4	65.2	65.4	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 18000	55.0	62.0	63.9	65.0	65.9	66.0	66.2	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 16000	55.6	62.8	64.7	65.8	66.0	66.9	67.1	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 14000	57.4	64.9	67.0	68.1	69.1	69.2	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 12000	58.7	66.2	68.4	70.0	71.1	71.2	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 10000	60.4	68.6	70.7	71.8	72.8	72.9	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 9000	60.8	69.1	71.1	72.3	73.2	73.4	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 8000	62.0	70.5	72.6	73.8	74.9	75.0	75.2	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 7000	62.1	71.8	74.0	75.3	76.4	76.5	76.7	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 6000	63.5	72.3	74.5	75.8	76.9	77.0	77.2	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 5000	64.9	73.9	76.2	77.4	78.5	78.6	78.8	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4500	65.5	74.7	76.9	78.2	79.4	79.5	79.7	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4000	66.4	75.7	78.0	79.2	80.4	80.6	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3500	67.4	76.9	79.3	80.5	81.7	81.9	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 3000	68.9	79.0	81.3	82.6	84.0	84.1	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2500	70.4	80.8	81.4	84.8	86.2	86.3	86.5	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2000	72.4	83.6	86.4	87.9	89.4	89.3	89.9	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1800	72.8	84.0	86.9	88.4	89.9	90.0	90.4	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1500	73.7	85.3	88.4	90.1	91.7	91.9	92.3	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1200	74.5	86.8	90.1	91.8	93.7	93.9	94.6	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1000	74.5	87.6	91.1	92.9	94.9	95.1	95.4	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	75.1	88.0	91.5	93.4	95.5	95.7	96.6	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	75.2	88.1	91.9	93.9	96.2	96.3	97.7	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	75.2	88.1	92.0	94.0	96.4	96.6	98.0	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	75.2	88.1	92.0	94.0	96.4	96.6	98.2	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	75.2	88.1	92.0	94.0	96.4	96.6	98.2	98.8	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	75.2	88.1	92.0	94.0	93.4	96.6	98.2	98.9	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	75.2	88.1	92.0	94.0	96.4	96.6	98.2	98.9	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	75.2	88.1	92.0	94.0	96.4	96.6	98.2	98.9	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	75.2	88.1	92.0	94.0	96.4	96.6	98.2	98.9	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	75.2	88.1	92.0	94.0	96.4	96.6	98.2	98.9	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

2624

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 40-70

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥½/16	≥¼	≥0
NO CEILING	50.3	55.5	57.2	58.1	58.9	59.2	59.6	59.6	59.7	59.9	59.9	59.9	60.1	60.1	60.2	60.3
≥ 20000	53.8	60.0	61.4	62.3	63.3	63.6	64.0	64.1	64.2	64.5	64.5	64.5	64.7	64.7	64.9	65.0
≥ 18000	54.0	60.2	61.7	62.5	63.0	63.9	64.2	64.4	64.4	64.7	64.8	64.8	65.0	65.0	65.1	65.2
≥ 16000	54.3	60.4	62.3	63.2	64.3	64.6	65.0	65.1	65.1	65.5	65.5	65.5	65.7	65.7	65.8	65.9
≥ 14000	55.9	62.6	64.1	64.9	66.2	66.5	66.9	67.0	67.1	67.4	67.4	67.4	67.6	67.6	67.8	67.9
≥ 12000	57.0	64.1	65.6	66.3	67.8	68.1	68.5	68.6	68.7	69.0	69.0	69.0	69.2	69.2	69.4	69.5
≥ 10000	58.3	65.7	67.3	68.3	69.8	70.1	70.4	70.6	70.6	70.9	71.0	71.0	71.2	71.2	71.3	71.4
≥ 9000	58.7	66.2	67.8	68.8	70.3	70.6	70.9	71.1	71.1	71.4	71.5	71.5	71.7	71.7	71.8	71.9
≥ 8000	60.0	67.6	69.3	70.3	71.8	72.1	72.5	72.6	72.7	73.0	73.0	73.0	73.2	73.2	73.4	73.5
≥ 7000	61.7	69.5	71.1	72.2	73.7	74.0	74.4	74.5	74.5	74.9	74.9	74.9	75.1	75.1	75.2	75.3
≥ 6000	62.1	70.1	71.7	72.8	74.3	74.6	75.0	75.1	75.1	75.5	75.5	75.5	75.7	75.7	75.9	75.9
≥ 5000	63.1	71.4	73.2	74.3	75.8	76.1	76.5	76.6	76.6	77.0	77.0	77.0	77.2	77.2	77.3	77.4
≥ 4500	63.6	72.0	73.7	74.9	76.5	76.8	77.2	77.3	77.3	77.6	77.7	77.7	77.9	77.9	78.0	78.1
≥ 4000	64.3	72.8	74.6	75.8	77.4	77.7	78.1	78.2	78.2	78.5	78.6	78.6	78.8	78.8	78.9	79.0
≥ 3500	65.1	73.9	75.7	76.9	78.6	78.9	79.2	79.4	79.4	79.7	79.8	79.8	80.0	80.0	80.1	80.2
≥ 3000	67.0	75.6	78.1	79.8	81.4	81.7	82.1	82.3	82.3	82.6	82.7	82.7	82.9	82.9	83.0	83.1
≥ 2500	68.0	78.7	80.6	81.9	83.8	84.2	84.6	84.7	84.8	85.1	85.1	85.1	85.3	85.3	85.5	85.6
≥ 2000	70.6	80.9	82.8	84.2	86.2	86.6	87.1	87.2	87.2	87.5	87.6	87.6	87.8	87.8	87.9	88.0
≥ 1800	70.9	81.5	83.7	85.1	87.3	87.4	87.9	88.0	88.0	88.4	88.4	88.4	88.6	88.6	88.8	88.8
≥ 1500	71.7	82.9	85.1	86.6	88.8	89.2	89.7	89.9	89.9	90.3	90.3	90.3	90.6	90.6	90.7	90.8
≥ 1200	72.7	84.3	86.8	88.3	90.7	91.2	91.7	91.9	92.0	92.3	92.4	92.4	92.6	92.6	92.8	92.8
≥ 1000	73.3	85.4	88.0	89.5	91.1	92.6	93.2	93.5	93.5	93.9	94.0	94.0	94.2	94.2	94.4	94.5
≥ 900	73.6	86.0	88.7	90.3	93.0	93.5	94.1	94.4	94.5	95.0	95.0	95.0	95.3	95.3	95.4	95.5
≥ 800	73.9	86.5	89.2	90.9	93.8	94.3	95.0	95.2	95.4	95.9	96.0	96.0	96.2	96.2	96.4	96.5
≥ 700	74.0	86.7	89.5	91.4	94.3	94.9	95.5	95.8	96.0	96.7	96.9	96.9	97.1	97.1	97.3	97.4
≥ 600	74.1	86.8	89.6	91.5	94.6	95.2	95.9	96.3	96.4	97.2	97.3	97.3	97.6	97.6	97.8	97.9
≥ 500	74.1	86.8	89.6	91.5	94.6	95.3	96.2	96.5	96.6	97.4	97.6	97.6	97.9	97.9	98.1	98.2
≥ 400	74.1	86.9	89.7	91.6	94.7	95.4	96.6	97.0	97.1	98.0	98.2	98.2	98.4	98.4	98.7	98.8
≥ 300	74.1	86.9	89.7	91.6	94.7	95.4	96.6	97.2	97.3	98.4	98.4	98.6	98.7	98.7	98.9	99.0
≥ 200	74.1	86.9	89.7	91.6	94.7	95.4	96.6	97.2	97.3	98.4	98.4	98.6	98.9	98.9	99.1	99.2
≥ 100	74.1	86.9	89.7	91.6	94.7	95.4	96.6	97.2	97.3	98.4	98.6	98.6	98.9	98.9	99.1	99.4
≤ 0	74.1	86.9	89.7	91.6	94.7	95.4	96.6	97.2	97.3	98.4	98.6	98.6	98.9	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS

2626

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 YEARS MAP 0000-0200

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 16	≥ 14	≥ 10	
NO CEILING	59.2	62.0	62.4	62.6	62.9	63.0	63.2	63.3	63.3	63.4	63.5	63.5	63.6	63.6	63.6	63.9
≥ 20000	65.1	68.5	68.8	69.0	69.4	69.5	69.7	69.8	69.8	70.0	70.0	70.0	70.2	70.2	70.2	70.6
≥ 18000	65.3	68.7	69.0	69.2	69.6	69.7	69.8	70.0	70.0	70.2	70.2	70.2	70.4	70.4	70.4	70.8
≥ 16000	65.4	68.8	69.1	69.3	69.7	69.8	70.0	70.1	70.1	70.3	70.4	70.4	70.5	70.5	70.6	70.9
≥ 14000	66.7	70.1	70.5	70.7	71.1	71.2	71.3	71.5	71.5	71.7	71.7	71.7	71.9	71.9	71.9	72.3
≥ 12000	68.2	71.7	72.0	72.3	72.6	72.8	72.9	73.0	73.0	73.2	73.3	73.3	73.5	73.5	73.5	73.9
≥ 10000	69.5	73.0	73.3	73.6	74.0	74.1	74.3	74.4	74.4	74.6	74.6	74.6	74.8	74.8	74.8	75.2
≥ 9000	70.1	73.5	73.9	74.2	74.6	74.8	74.9	75.0	75.0	75.2	75.3	75.3	75.4	75.4	75.5	75.8
≥ 8000	70.7	74.1	74.5	74.8	75.2	75.3	75.5	75.6	75.6	75.8	75.8	75.8	76.0	76.0	76.0	76.4
≥ 7000	71.6	75.2	75.5	75.8	76.2	76.4	76.5	76.7	76.7	76.8	76.9	76.9	77.1	77.1	77.1	77.4
≥ 6000	72.6	76.2	76.5	76.9	77.3	77.4	77.6	77.7	77.7	77.8	77.9	77.9	78.1	78.1	78.1	78.4
≥ 5000	73.7	77.5	77.9	78.2	78.5	78.7	78.9	79.0	79.0	79.2	79.2	79.2	79.4	79.4	79.4	79.6
≥ 4500	74.1	78.0	78.4	78.7	79.1	79.2	79.4	79.5	79.5	79.7	79.8	79.8	79.9	79.9	79.9	80.3
≥ 4000	75.3	79.3	79.7	80.1	80.5	80.6	80.8	80.9	80.9	81.0	81.1	81.1	81.3	81.3	81.3	81.6
≥ 3500	76.9	81.1	81.5	81.9	82.3	82.4	82.6	82.7	82.7	82.9	82.9	82.9	83.1	83.1	83.1	83.5
≥ 3000	78.6	83.2	83.7	84.0	84.5	84.6	84.8	84.9	84.9	85.0	85.1	85.1	85.3	85.3	85.3	85.6
≥ 2500	80.4	85.4	86.1	86.4	86.9	87.0	87.2	87.3	87.3	87.5	87.5	87.5	87.7	87.7	87.7	88.1
≥ 2000	82.6	88.1	89.0	89.3	89.8	90.0	90.3	90.4	90.4	90.5	90.6	90.6	90.8	90.8	90.8	91.1
≥ 1800	93.3	88.3	89.3	90.1	90.6	90.7	91.0	91.1	91.1	91.3	91.4	91.4	91.5	91.5	91.6	91.9
≥ 1500	84.6	90.7	91.8	92.2	92.7	92.8	93.1	93.2	93.2	93.4	93.5	93.5	93.7	93.7	93.7	94.0
≥ 1200	95.5	92.1	93.2	93.8	94.5	94.6	94.9	95.0	95.0	95.2	95.3	95.3	95.5	95.5	95.5	95.8
≥ 1000	96.1	92.9	94.0	94.7	95.6	95.8	96.1	96.2	96.2	96.4	96.5	96.5	96.6	96.6	96.7	97.0
≥ 900	86.3	93.4	94.8	95.6	96.6	96.7	97.0	97.1	97.1	97.3	97.4	97.4	97.6	97.6	97.6	97.9
≥ 800	86.6	93.7	95.2	96.2	97.2	97.4	97.7	97.8	97.8	98.0	98.1	98.1	98.3	98.3	98.3	98.7
≥ 700	86.6	93.9	95.5	96.5	97.6	97.7	98.0	98.2	98.2	98.4	98.5	98.5	98.6	98.6	98.6	99.0
≥ 600	86.9	94.3	95.9	96.9	98.0	98.2	98.5	98.7	98.7	98.9	98.9	98.9	99.1	99.1	99.2	99.5
≥ 500	86.9	94.3	96.0	97.0	98.2	98.3	98.7	98.8	98.8	99.0	99.1	99.1	99.3	99.3	99.3	99.7
≥ 400	86.9	94.4	96.0	97.1	98.3	98.5	98.8	98.9	98.9	99.1	99.2	99.2	99.4	99.4	99.4	99.8
≥ 300	86.9	94.4	96.1	97.2	98.3	98.5	98.8	99.0	99.0	99.2	99.3	99.3	99.5	99.5	99.5	99.9
≥ 200	86.9	94.4	96.1	97.2	98.4	98.6	98.9	99.0	99.0	99.2	99.3	99.3	99.5	99.5	99.5	99.9
≥ 100	86.9	94.4	96.1	97.2	98.4	98.6	98.9	99.0	99.0	99.2	99.3	99.3	99.5	99.5	99.5	100.0
≥ 0	86.9	94.4	96.1	97.2	98.4	98.6	98.9	99.0	99.0	99.2	99.3	99.3	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS _____) 2968

USAF ETAC FORM 14-64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL STATION NAME 19-70 YEARS MAR
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥1/4	≥1/20
NO CEILING	54.2	57.1	57.5	57.8	58.0	58.1	58.3	58.4	58.4	58.6	58.7	58.7	58.9	59.0	59.3	59.9	
≥ 20000	59.5	63.0	63.5	63.8	64.1	64.1	64.5	64.6	64.6	64.8	64.9	64.9	65.2	65.3	65.7	66.3	
≥ 18000	59.8	63.4	63.8	64.2	64.4	64.5	64.8	64.9	64.9	65.1	65.2	65.2	65.3	65.6	66.1	66.6	
≥ 16000	60.1	63.5	64.1	64.4	64.7	64.7	65.1	65.2	65.2	65.4	65.5	65.5	65.8	65.9	66.4	66.9	
≥ 14000	61.1	64.7	65.2	65.5	65.7	65.8	66.2	66.3	66.3	66.5	66.6	66.6	66.9	67.0	67.4	68.0	
≥ 12000	62.7	66.3	66.7	67.1	67.3	67.4	67.7	67.8	67.8	68.0	68.2	68.3	68.6	69.0	69.5	69.9	
≥ 10000	63.9	67.5	68.0	68.3	68.5	68.6	68.9	69.0	69.1	69.3	69.4	69.4	69.6	69.7	69.8	70.2	70.8
≥ 9000	64.2	67.7	68.3	68.6	68.9	68.9	69.3	69.4	69.4	69.6	69.6	69.7	69.7	70.1	70.2	70.6	71.1
≥ 8000	64.7	68.3	68.8	69.2	69.4	69.5	69.8	69.9	69.9	70.2	70.3	70.3	70.6	70.7	71.1	71.6	
IV 7000	65.4	69.0	69.6	69.9	70.2	70.3	70.6	70.7	70.7	70.9	71.1	71.1	71.4	71.5	71.9	72.4	
≥ 6000	66.1	69.8	70.5	70.8	71.0	71.1	71.4	71.5	71.6	71.8	71.9	71.9	72.2	72.3	72.7	73.2	
≥ 5000	67.7	71.6	72.2	72.6	72.8	72.9	73.2	73.3	73.3	73.5	73.7	73.7	74.0	74.1	74.5	75.0	
≥ 4500	68.3	72.3	73.0	73.3	73.6	73.6	74.0	74.1	74.1	74.3	74.5	74.5	74.6	74.9	75.3	75.8	
≥ 4000	69.7	74.1	74.8	75.1	75.4	75.4	75.8	75.9	75.9	76.1	76.2	76.2	76.5	76.6	77.0	77.6	
≥ 3500	71.2	75.9	76.6	76.9	77.2	77.3	77.6	77.7	77.7	77.9	78.1	78.1	78.4	78.5	78.9	79.4	
≥ 3000	72.6	77.6	78.4	78.7	79.0	79.1	79.4	79.5	79.6	79.8	79.9	79.9	80.2	80.3	80.7	81.3	
≥ 2500	74.9	80.1	81.0	81.4	81.7	81.8	82.1	82.2	82.3	82.5	82.6	82.6	82.9	83.0	83.4	84.0	
≥ 2000	77.2	83.1	84.1	84.6	85.0	85.1	85.5	85.6	85.6	85.8	86.0	86.0	86.3	86.4	86.8	87.4	
≥ 1800	78.0	84.1	85.2	85.6	86.1	86.2	86.6	86.7	86.8	87.0	87.2	87.2	87.5	87.6	88.0	88.5	
≥ 1500	79.8	85.5	87.8	88.3	88.8	88.9	89.4	89.5	89.5	89.8	89.9	89.9	90.3	90.4	90.8	91.4	
≥ 1200	80.8	88.2	89.6	90.3	91.0	91.1	91.7	91.8	91.8	92.1	92.3	92.3	92.6	92.7	93.1	93.7	
≥ 1000	81.3	89.1	90.7	91.4	92.0	92.5	92.6	93.0	93.3	93.6	93.7	93.7	94.1	94.2	94.6	95.2	
≥ 900	81.5	89.5	91.3	92.1	93.2	93.3	93.9	94.1	94.1	94.4	94.6	94.6	94.9	95.0	95.4	96.0	
≥ 800	81.7	89.9	91.6	92.6	93.8	94.0	94.7	94.8	94.8	95.3	95.3	95.3	95.6	95.7	96.1	96.7	
≥ 700	82.2	90.6	92.4	93.4	94.7	94.8	95.5	95.7	95.7	96.0	96.2	96.2	96.5	96.6	97.0	97.6	
≥ 600	82.3	90.6	92.8	93.7	95.2	95.3	96.0	96.2	96.2	96.5	96.7	96.7	97.0	97.1	97.5	98.1	
≥ 500	82.4	91.1	93.1	94.1	95.6	95.7	96.5	96.6	96.7	96.9	97.1	97.1	97.5	97.6	98.0	98.6	
≥ 400	82.4	91.1	93.2	94.3	95.8	95.9	96.7	96.8	96.9	97.1	97.4	97.4	97.7	97.8	98.2	98.8	
≥ 300	82.4	91.1	93.2	94.3	95.9	96.1	96.8	97.0	97.0	97.3	97.6	97.6	97.9	98.0	98.4	99.0	
≥ 200	82.4	91.1	93.2	94.3	96.0	96.1	96.9	97.0	97.1	97.4	97.6	97.6	98.1	98.2	98.6	99.2	
≥ 100	82.4	91.1	93.2	94.3	96.0	96.1	96.9	97.0	97.1	97.5	97.7	97.7	98.2	98.3	98.9	99.6	
IV 0	82.4	91.1	93.2	94.3	96.0	96.1	96.9	97.0	97.1	97.5	97.7	97.7	98.3	98.4	99.0	100.0	

TOTAL NUMBER OF OBSERVATIONS

2975

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN XAEAL 39-70 YEARS MAR 1968

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	26	25	≥ 4	23	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 16	24	20
NO CEILING ≥ 20000	42.7	67.7	45.4	48.7	49.1	49.1	49.3	49.3	49.4	49.7	49.8	49.9	50.0	50.1	50.4	51.2
≥ 18000	48.6	54.2	55.3	55.1	55.5	56.6	56.9	57.0	57.0	57.5	57.6	57.4	57.9	58.0	58.4	59.2
≥ 16000	48.9	54.9	56.0	56.5	57.2	57.3	57.6	57.7	57.7	58.2	58.4	58.4	58.6	58.7	59.2	60.0
≥ 14000	49.8	56.0	57.1	57.6	58.1	58.4	58.6	58.7	58.9	58.9	59.4	59.5	59.5	59.8	60.3	61.1
≥ 12000	51.8	58.2	59.5	60.0	60.7	60.8	61.1	61.2	61.2	61.7	61.9	61.9	62.2	62.3	62.8	63.6
≥ 10000	53.1	59.8	61.0	61.6	62.4	62.4	62.8	62.9	63.0	63.5	63.6	63.6	63.9	64.0	64.5	65.3
≥ 9000	53.7	60.4	61.7	62.4	63.1	63.2	63.5	63.7	63.7	64.2	64.4	64.4	64.7	64.8	65.2	66.1
≥ 8000	54.8	61.5	62.8	63.5	64.2	64.3	64.6	64.8	64.8	65.3	65.5	65.5	65.8	65.9	66.4	67.2
≥ 7000	55.6	62.6	62.8	64.5	65.3	65.3	65.7	65.8	65.9	66.4	66.5	66.5	66.8	66.9	67.4	68.2
≥ 6000	56.3	63.3	65.7	65.3	66.1	66.2	66.6	66.7	66.8	67.3	67.4	67.4	67.7	67.8	68.3	69.1
≥ 5000	57.6	65.0	66.4	67.1	67.9	68.0	68.3	68.5	68.5	69.0	69.2	69.2	69.5	69.6	70.1	71.0
≥ 4500	58.3	65.9	67.4	68.1	68.9	68.9	69.3	69.5	69.5	70.0	70.2	70.2	70.5	70.6	71.0	71.9
≥ 4000	59.3	67.2	68.6	69.4	70.2	70.3	70.7	70.8	70.9	71.4	71.5	71.5	71.8	71.9	72.4	73.2
≥ 3500	60.1	68.3	69.9	70.7	71.5	71.6	71.9	72.1	72.1	72.6	72.8	72.8	73.1	73.2	73.7	74.5
≥ 3000	61.4	70.2	71.7	72.5	73.3	73.4	73.8	74.0	74.0	74.5	74.7	74.7	75.0	75.1	75.6	76.4
≥ 2500	63.3	72.7	74.4	75.3	76.1	76.2	76.6	76.8	76.8	77.3	77.4	77.4	77.8	77.9	78.4	79.2
≥ 2000	65.9	76.2	78.3	79.5	80.3	80.4	80.9	81.1	81.1	81.6	81.8	81.8	82.1	82.2	82.7	83.5
≥ 1800	66.8	77.2	79.3	80.5	81.3	81.4	81.9	82.1	82.1	82.7	82.8	82.8	83.1	83.2	83.7	84.5
≥ 1500	68.7	79.9	82.0	83.7	84.6	84.7	85.2	85.4	85.4	86.0	86.1	86.1	86.5	86.6	87.0	87.9
≥ 1200	70.0	82.1	84.5	86.4	87.6	87.8	88.3	88.5	88.6	89.2	89.4	89.4	89.7	89.8	90.3	91.1
≥ 1000	70.4	82.9	85.4	87.5	89.1	89.2	89.9	90.3	90.3	91.0	91.2	91.2	91.5	91.6	92.1	92.9
≥ 900	70.5	83.3	85.9	88.2	89.9	90.1	90.9	91.2	91.3	92.0	92.1	92.1	92.5	92.6	93.0	93.9
≥ 800	70.7	83.8	86.3	89.0	90.8	91.0	92.0	92.3	92.4	93.1	93.3	93.3	93.6	93.7	94.2	95.0
≥ 700	70.9	84.3	86.9	89.6	91.5	91.6	92.7	93.1	93.2	94.0	94.2	94.2	94.5	94.6	95.1	95.9
≥ 600	71.1	84.5	87.3	90.0	92.0	92.2	93.2	93.7	93.8	94.6	94.8	94.8	95.1	95.2	95.7	96.0
≥ 500	71.1	84.7	87.6	90.4	92.5	92.8	94.1	94.6	94.7	95.5	95.6	95.6	96.0	96.1	96.6	97.4
≥ 400	71.1	84.8	87.7	90.5	92.7	93.0	94.3	94.8	94.9	95.8	95.9	95.9	96.3	96.4	97.0	97.9
≥ 300	71.1	84.8	87.7	90.6	92.8	93.1	94.5	95.0	95.1	96.0	96.1	96.2	96.5	96.6	97.3	98.2
≥ 200	71.1	84.9	87.7	90.6	92.9	93.1	94.5	95.1	95.2	96.2	96.3	96.4	96.7	96.8	97.6	98.6
≥ 100	71.1	84.9	87.7	90.6	92.9	93.2	94.6	95.1	95.3	96.2	96.4	96.5	96.8	97.0	97.9	99.2
≤ 0	71.1	84.9	87.7	90.6	92.9	93.2	94.6	95.1	95.3	96.2	96.4	96.5	96.8	97.0	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS

2975

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39°N 70°W

MAR

YEARS

4920-1100

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 10	≥ 4	≥ 0
NO CEILING	39.4	45.9	47.1	47.5	47.6	47.6	47.8	47.8	47.8	47.8	47.8	47.9	47.9	47.9	47.9	48.1
≥ 20000	46.6	56.2	57.2	57.8	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.6
≥ 18000	46.6	56.4	57.5	58.1	58.3	58.4	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.9
≥ 16000	47.2	56.9	58.0	58.6	58.8	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.4
≥ 14000	48.3	58.4	59.4	60.0	60.2	60.3	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.8
≥ 12000	49.6	60.1	61.1	61.8	62.0	62.0	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.5
≥ 10000	50.8	61.6	62.7	63.5	63.7	63.7	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.2
≥ 9000	51.2	62.3	63.4	64.2	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.9
≥ 8000	52.0	63.3	64.4	65.2	65.4	65.4	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.9
≥ 7000	52.8	64.3	65.4	66.3	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	67.0
≥ 6000	53.7	65.2	66.4	67.3	67.5	67.5	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.9	68.0
≥ 5000	54.8	66.6	67.7	68.4	68.9	68.9	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.4
≥ 4500	55.3	67.2	68.4	69.4	69.6	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0
≥ 4000	56.6	68.8	70.0	71.0	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.9
≥ 3500	57.7	70.2	71.4	72.4	72.8	72.8	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.3
≥ 3000	60.0	72.8	74.1	75.2	75.6	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.1
≥ 2500	62.7	76.0	77.3	78.6	79.0	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.6
≥ 2000	66.3	80.8	82.2	83.7	84.2	84.2	84.5	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.8	84.9
≥ 1800	67.4	82.0	83.4	84.9	85.4	85.5	85.7	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.1	86.2
≥ 1500	68.6	84.3	85.8	87.5	88.3	88.4	88.7	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.1	89.2
≥ 1200	69.4	86.4	88.3	90.4	91.5	91.6	92.0	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.6
≥ 1000	69.6	87.3	89.7	91.9	93.2	93.4	93.9	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.5
≥ 900	69.7	87.9	90.2	92.6	94.0	94.2	94.8	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.3	95.4
≥ 800	70.1	88.3	90.8	93.5	95.1	95.3	96.0	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.7	96.8
≥ 700	70.1	88.6	91.2	93.0	95.6	95.9	96.7	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.4	97.6
≥ 600	70.2	88.9	91.6	94.4	96.1	96.4	97.2	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.9	98.1
≥ 500	70.2	89.1	91.8	94.7	96.4	96.8	97.6	98.2	98.2	98.4	98.4	98.4	98.5	98.5	98.6	98.7
≥ 400	70.3	89.2	91.9	94.8	96.6	97.0	98.0	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 300	70.3	89.3	92.0	94.9	96.7	97.1	98.1	98.7	98.7	99.0	99.1	99.1	99.2	99.3	99.5	
≥ 200	70.3	89.3	92.0	94.9	96.7	97.1	98.1	98.7	98.7	99.1	99.2	99.3	99.4	99.6	99.8	
≥ 100	70.3	89.3	92.0	94.9	96.7	97.1	98.1	98.7	98.8	99.1	99.2	99.3	99.4	99.5	99.6	99.7
≤ 0	70.3	89.3	92.0	94.9	96.7	97.1	98.1	98.7	98.8	99.1	99.2	99.3	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

2975

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23711 HAMILTON AFB CALIF/SAN RAFAEL 19-70

YEARS

MAR

1200-1400

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.4	49.0	49.8	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 20000	51.3	60.6	61.6	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 18000	51.6	60.9	61.9	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 16000	52.3	61.8	62.8	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 14000	53.3	62.9	64.0	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 12000	54.2	64.2	65.3	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 10000	55.6	65.6	67.0	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 9000	55.8	66.1	67.3	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 8000	56.7	67.1	68.3	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 7000	57.2	67.9	69.0	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 6000	57.8	68.5	69.7	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 5000	58.5	69.3	70.6	71.2	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 4500	59.4	70.2	71.4	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4000	61.3	72.5	73.7	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 3500	62.9	74.2	75.5	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 3000	66.2	78.1	79.5	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 2500	70.3	82.9	84.3	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 2000	74.4	88.4	89.9	90.7	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1800	74.9	89.2	90.8	91.6	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500	76.1	91.7	92.9	94.1	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200	76.7	92.3	94.2	95.3	96.3	96.4	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	77.0	93.0	95.1	96.4	97.5	97.7	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	77.1	93.4	95.5	97.0	98.1	98.4	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	77.2	93.5	95.7	97.3	98.6	98.8	99.2	99.4	99.6	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	77.2	93.6	95.8	97.4	98.7	98.9	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	77.3	93.7	95.8	97.4	98.7	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	77.3	93.7	95.8	97.4	98.7	98.9	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	77.3	93.7	95.9	97.5	98.8	99.0	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	77.3	93.7	95.9	97.5	98.8	99.0	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	77.3	93.7	95.9	97.5	98.8	99.0	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	77.3	93.7	95.9	97.5	98.8	99.0	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	77.3	93.7	95.9	97.5	98.8	99.0	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _____

2775

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

YEARS

HAR

1500-1700

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

DATA PROCESSING DIVISION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.4	53.3	53.5	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 20000	61.2	66.4	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 18000	61.6	66.8	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 16000	62.6	68.0	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 14000	64.3	69.8	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 12000	64.0	71.6	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 10000	67.4	73.1	73.5	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 9000	67.8	73.6	72.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 8000	68.8	74.7	75.1	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 7000	69.4	75.4	75.8	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 6000	70.1	76.2	76.6	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 5000	70.9	77.3	77.7	77.9	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4500	71.7	78.1	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4000	73.6	80.2	80.0	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 3500	74.9	81.9	82.3	82.5	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 3000	77.6	84.9	85.3	85.7	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 2500	80.4	88.3	88.8	89.1	89.2	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2000	82.6	91.2	91.8	92.2	92.3	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1800	83.0	91.8	92.4	92.8	93.0	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1500	84.2	93.5	94.3	94.8	95.1	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1200	84.8	94.5	95.4	96.1	96.6	96.6	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000	85.2	95.3	96.5	97.5	98.2	98.2	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	85.5	95.5	96.7	97.8	98.5	98.6	99.0	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	85.5	95.6	95.8	98.0	98.8	98.9	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	85.5	95.6	95.8	98.0	98.9	98.9	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	85.5	95.6	95.8	98.1	99.0	99.0	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	85.5	95.6	95.8	98.1	99.0	99.1	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	85.5	95.6	95.8	98.1	99.0	99.1	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	85.5	95.6	95.8	98.1	99.0	99.1	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	85.5	95.6	95.8	98.1	99.0	99.1	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	85.5	95.6	95.8	98.1	99.0	99.1	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	85.5	95.6	95.8	98.1	99.0	99.1	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS () 2976

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 19-70

YEARS

MTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-2200

DATA PROCESSING FORM 14

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING ≥ 20000	57.1	59.7	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
66.9	70.5	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 18000	67.5	71.2	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 16000	67.9	71.5	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 14000	69.6	73.3	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 12000	71.7	75.4	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 10000	73.4	77.2	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 9000	74.2	77.9	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 8000	75.2	79.0	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 7000	76.1	80.2	80.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 6000	77.0	81.2	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 5000	78.0	82.3	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 4500	78.6	82.9	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4000	79.5	84.1	84.6	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 3500	80.3	85.1	85.7	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3000	81.4	86.4	87.1	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2500	83.7	88.9	89.6	89.8	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2000	85.5	91.5	92.2	92.4	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1800	85.9	91.9	92.7	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1500	86.8	93.3	94.3	94.6	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1200	87.3	94.4	95.5	95.9	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1000	88.0	95.4	96.7	97.2	97.8	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	88.0	95.5	97.0	97.6	98.3	98.4	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	88.0	95.8	97.2	97.9	98.7	98.8	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	88.1	95.9	97.3	98.0	98.8	98.9	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	88.1	96.0	97.4	98.1	98.8	99.0	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	88.1	96.0	97.4	98.1	98.9	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	88.2	96.0	97.4	98.2	99.0	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	88.2	96.0	97.4	98.2	99.0	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	88.2	96.0	97.4	98.2	99.0	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	88.2	96.0	97.4	98.2	99.0	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
0	88.2	96.0	97.4	98.2	99.0	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

2975

USAF ETAC FORM 14-64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

MAR

STATION NAME

YEARS

2100-2200

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	62.2	64.6	65.0	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
	68.0	71.5	71.9	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 18000	69.0	71.7	72.1	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 16000	65.2	72.0	72.4	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 14000	70.6	73.4	73.8	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 12000	72.1	75.0	75.4	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 10000	74.0	77.0	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 9000	74.6	77.4	78.0	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 8000	75.5	78.6	79.0	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 7000	76.5	79.5	80.0	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 6000	77.7	80.9	81.3	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 5000	79.1	82.5	82.9	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4500	79.8	83.1	83.6	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 4000	80.9	84.5	85.0	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3500	81.8	85.4	88.9	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 3000	83.4	87.3	87.9	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2500	84.9	88.9	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2000	86.8	91.3	92.2	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1800	87.4	92.0	92.9	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1500	88.4	93.5	94.4	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1200	89.2	94.5	95.7	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1000	59.8	95.3	96.6	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	90.0	95.3	97.2	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	90.1	95.9	97.4	98.0	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	90.2	96.2	97.6	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	90.3	96.2	97.8	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	90.3	97.8	98.5	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	90.3	96.3	97.9	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	90.3	96.3	97.9	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	90.3	96.3	97.4	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	90.3	96.3	97.9	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	90.3	96.3	97.9	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 2973

USAF ETAC FORM AF-44 0-14-5 (O-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

YEARS

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6000-6200

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅔	≥⅕	≥⅖
NO CEILING	64.2	67.7	68.1	68.1	68.4	68.4	68.5	68.5	68.5	68.7	68.7	68.7	68.8	68.8	68.9	68.9	69.0
≥ 20000	69.4	73.7	74.0	74.1	74.4	74.4	74.5	74.5	74.6	74.6	74.7	74.8	74.9	74.9	75.0	75.0	75.1
≥ 18000	69.5	73.8	74.1	74.2	74.5	74.5	74.6	74.6	74.7	74.7	74.8	74.9	75.0	75.0	75.1	75.1	75.2
≥ 16000	69.0	74.1	74.4	74.5	74.9	74.9	75.0	75.0	75.0	75.2	75.2	75.3	75.4	75.4	75.5	75.5	75.6
≥ 14000	70.9	75.1	75.5	75.6	75.9	75.9	76.0	76.1	76.1	76.2	76.3	76.3	76.4	76.4	76.3	76.6	76.6
≥ 12000	71.8	76.2	76.5	76.6	77.0	77.0	77.1	77.1	77.1	77.3	77.3	77.3	77.5	77.5	77.6	77.6	77.7
≥ 10000	73.2	77.5	77.9	78.0	78.3	78.3	78.4	78.4	78.4	78.6	78.7	78.7	78.8	78.8	78.9	78.9	79.0
≥ 9000	73.4	77.8	78.1	78.2	78.5	78.5	78.6	78.7	78.7	78.7	78.8	78.9	79.0	79.0	79.1	79.1	79.2
≥ 8000	73.9	78.3	78.7	78.8	79.1	79.1	79.2	79.3	79.3	79.5	79.5	79.5	79.6	79.6	79.7	79.7	79.9
≥ 7000	74.9	79.3	79.6	79.8	80.1	80.1	80.2	80.3	80.3	80.4	80.5	80.5	80.6	80.6	80.7	80.7	80.8
≥ 6000	75.2	79.7	80.0	80.1	80.5	80.5	80.6	80.6	80.6	80.8	80.8	80.8	81.0	81.0	81.1	81.2	81.2
≥ 5000	75.1	80.7	81.1	81.2	81.6	81.6	81.7	81.7	81.7	81.9	81.9	81.9	82.1	82.1	82.2	82.2	82.3
≥ 4500	76.7	81.4	81.8	81.9	82.2	82.2	82.3	82.4	82.4	82.6	82.6	82.6	82.7	82.7	82.8	83.0	83.0
≥ 4000	77.6	82.4	82.8	82.9	83.3	83.3	83.4	83.4	83.4	83.6	83.6	83.6	83.8	83.8	83.9	83.9	84.0
≥ 3500	78.4	83.4	83.8	83.9	84.2	84.3	84.4	84.4	84.4	84.6	84.6	84.6	84.8	84.8	84.9	84.9	85.0
≥ 3000	79.8	84.9	85.3	85.3	85.9	85.9	86.0	86.0	86.0	86.2	86.2	86.2	86.3	86.3	86.4	86.4	86.6
≥ 2500	81.5	86.9	87.3	87.5	87.8	87.8	87.9	88.0	88.0	88.1	88.2	88.2	88.3	88.3	88.4	88.4	88.6
≥ 2000	83.9	89.5	90.0	90.2	90.6	90.6	90.8	90.8	90.8	91.0	91.0	91.1	91.1	91.1	91.2	91.4	91.4
≥ 1800	84.5	90.2	90.7	90.9	91.4	91.4	91.5	91.5	91.5	91.7	91.7	91.7	91.9	91.9	92.0	92.0	92.1
≥ 1500	85.8	91.7	92.4	92.6	93.1	93.2	93.3	93.3	93.3	93.5	93.5	93.5	93.7	93.7	93.8	93.8	93.9
≥ 1200	87.0	93.2	94.0	94.3	95.0	95.0	95.1	95.2	95.2	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.8
≥ 1000	87.8	94.4	95.2	95.7	96.4	96.5	96.6	96.6	96.6	96.8	96.8	96.8	97.0	97.0	97.1	97.2	97.2
≥ 900	88.2	95.1	95.9	96.4	97.1	97.1	97.3	97.3	97.3	97.5	97.5	97.5	97.7	97.7	97.8	97.9	97.9
≥ 800	88.3	95.4	96.3	96.7	97.5	97.5	97.6	97.7	97.7	97.9	97.9	97.9	98.1	98.1	98.2	98.2	98.3
≥ 700	88.5	95.7	96.6	97.0	97.8	97.9	98.0	98.1	98.1	98.2	98.3	98.3	98.4	98.4	98.5	98.6	98.6
≥ 600	88.6	95.9	96.8	97.3	98.2	98.3	98.4	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.9	99.0	99.1
≥ 500	88.7	96.1	97.1	97.5	98.6	98.7	98.7	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.3	99.3	99.5
≥ 400	88.7	96.1	97.1	97.3	98.6	98.7	98.8	98.9	98.9	99.0	99.0	99.1	99.2	99.2	99.3	99.4	99.5
≥ 300	88.7	96.1	97.1	97.6	98.8	98.9	99.1	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.7
≥ 200	88.7	96.1	97.1	97.6	98.8	98.9	99.1	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.8
≥ 100	88.7	96.1	97.1	97.6	98.8	98.9	99.1	99.2	99.2	99.4	99.4	99.5	99.5	99.7	99.7	99.8	99.9
≥ 0	88.7	96.1	97.1	97.6	98.8	98.9	99.1	99.2	99.2	99.4	99.4	99.5	99.5	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

2877

USAF ETAC FORM 104-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

YEARS

APR
MONTH

0300-0500

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	55.9	60.6	61.3	61.6	61.9	62.0	62.3	62.4	62.4	63.0	63.0	63.0	63.2	63.2	63.4	63.6	
≥ 20000	61.0	66.6	67.4	67.7	68.0	68.1	68.2	68.5	68.6	68.7	69.3	69.3	69.3	69.5	69.5	69.6	70.0
≥ 18000	61.2	66.9	67.6	68.0	68.3	68.5	68.7	68.9	68.9	69.0	69.5	69.5	69.6	69.6	69.6	69.8	70.0
≥ 16000	61.3	66.9	67.7	68.1	68.4	68.5	68.8	69.0	69.0	69.0	69.6	69.6	69.6	69.6	69.6	69.8	70.2
≥ 14000	62.1	67.8	68.5	68.9	69.2	69.4	69.6	69.8	69.8	70.0	70.4	70.5	70.5	70.7	70.7	70.9	71.1
≥ 12000	63.1	68.8	69.5	69.9	70.2	70.3	70.6	70.8	70.8	71.4	71.4	71.5	71.6	71.6	71.9	72.1	
≥ 10000	64.2	69.9	70.6	71.0	71.3	71.5	71.7	71.9	71.9	72.3	72.3	72.6	72.7	72.7	73.0	73.2	
≥ 9000	64.3	70.0	70.8	71.1	71.5	71.6	71.9	72.0	72.1	72.7	72.7	72.7	72.9	72.9	73.2	73.4	
≥ 8000	64.8	70.6	71.3	71.7	72.0	72.2	72.4	72.6	72.6	73.2	73.3	73.3	73.5	73.5	73.8	74.0	
≥ 7000	55.6	71.4	72.1	72.5	72.9	73.0	73.3	73.5	73.5	74.1	74.1	74.2	74.4	74.4	74.7	74.9	
≥ 6000	66.3	72.2	72.9	73.3	73.6	73.8	74.1	74.2	74.3	74.9	74.9	74.9	75.1	75.1	75.4	75.6	
≥ 5000	67.4	73.4	74.2	74.6	75.0	75.1	75.4	75.6	75.6	76.2	76.2	76.3	76.5	76.5	76.7	76.9	
≥ 4500	67.9	74.0	74.8	75.1	75.5	75.7	75.9	76.1	76.1	76.7	76.7	76.8	77.0	77.0	77.3	77.5	
≥ 4000	68.9	75.1	75.9	76.3	76.6	76.8	77.0	77.2	77.3	77.8	77.9	77.9	78.1	78.1	78.4	78.6	
≥ 3500	70.1	76.4	77.2	77.6	78.0	78.1	78.4	78.6	78.6	79.2	79.2	79.3	79.5	79.5	79.8	80.0	
≥ 3000	71.4	78.0	78.8	79.1	79.5	79.7	79.9	80.1	80.1	80.7	80.8	80.8	81.0	81.0	81.3	81.5	
≥ 2500	73.6	80.5	81.3	81.6	82.0	82.2	82.4	82.6	82.6	83.2	83.3	83.3	83.5	83.5	83.8	84.0	
≥ 2000	76.2	82.3	84.2	84.6	85.0	85.2	85.5	85.6	85.7	86.3	86.3	86.3	86.5	86.5	86.8	87.0	
≥ 1800	77.0	84.2	85.1	85.6	86.0	86.2	86.5	86.7	86.7	87.3	87.3	87.4	87.6	87.6	87.8	88.1	
≥ 1500	78.5	86.1	87.1	87.6	88.2	88.3	88.7	88.9	88.9	89.5	89.5	89.5	89.8	89.8	90.0	90.2	
≥ 1200	80.5	88.5	89.7	90.2	91.0	91.2	91.5	91.7	91.7	92.3	92.4	92.4	92.6	92.6	93.0	93.2	
≥ 1000	81.4	89.9	91.0	91.7	92.5	92.7	93.1	93.2	93.3	93.9	93.9	93.9	94.2	94.2	94.5	94.7	
≥ 900	81.6	90.5	91.7	92.4	93.3	93.5	93.9	94.1	94.1	94.7	94.7	94.8	95.0	95.0	95.3	95.5	
≥ 800	81.9	91.1	92.4	93.1	94.1	94.2	94.6	94.8	94.8	95.4	95.5	95.5	95.8	95.8	96.1	96.3	
≥ 700	81.9	91.5	93.0	93.7	94.7	94.8	95.2	95.3	95.5	96.1	96.1	96.1	96.4	96.4	96.8	97.0	
≥ 600	82.3	91.9	93.5	94.2	95.2	95.3	95.8	96.0	96.1	96.7	96.8	96.8	97.1	97.1	97.4	97.6	
≥ 500	82.3	92.2	93.9	94.7	95.9	96.1	96.5	96.8	96.8	97.5	97.6	97.6	97.9	97.9	98.2	98.4	
≥ 400	82.4	92.3	94.0	94.9	96.1	96.4	96.8	97.0	97.1	97.8	97.9	98.0	98.3	98.3	98.6	98.8	
≥ 300	82.4	92.4	94.1	94.9	96.3	96.5	96.9	97.2	97.2	98.1	98.2	98.2	98.5	98.5	98.8	99.1	
≥ 200	82.4	92.4	94.1	94.9	96.3	96.5	96.9	97.2	97.2	98.2	98.3	98.4	98.8	98.8	99.2	99.4	
≥ 100	82.4	92.4	94.1	94.9	96.3	96.5	97.0	97.2	97.3	98.2	98.4	98.4	98.9	98.9	99.3	99.6	
≥ 0	82.4	92.4	94.1	94.9	96.3	96.5	97.0	97.2	97.3	98.2	98.4	98.4	98.9	98.9	99.3	100.0	

TOTAL NUMBER OF OBSERVATIONS

2880

USAF ETAC FORM NL-64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

APR

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0400-0800
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	44.5	51.0	52.5	53.2	53.5	53.7	53.8	54.0	54.0	54.3	54.5	54.5	54.6	54.7	55.0
≥ 20000	51.2	60.3	61.3	62.2	62.8	62.9	63.1	63.4	63.4	63.8	64.0	64.0	64.2	64.2	64.9
≥ 18000	51.4	60.5	61.4	62.4	63.0	63.1	63.3	63.6	63.6	63.9	64.2	64.2	64.4	64.4	65.1
≥ 16000	51.8	61.0	62.0	62.9	63.5	63.6	63.8	64.1	64.1	64.5	64.7	64.7	64.9	64.9	65.3
≥ 14000	52.6	61.9	62.9	63.9	64.4	64.6	64.8	65.1	65.1	65.4	65.7	65.7	65.8	65.9	66.2
≥ 12000	53.8	63.4	64.4	65.4	65.9	66.1	66.3	66.6	66.6	67.0	67.2	67.2	67.4	67.4	68.1
≥ 10000	54.7	64.3	65.3	66.3	66.9	67.0	67.2	67.6	67.6	67.9	68.2	68.2	68.3	68.4	68.7
≥ 9000	55.1	64.9	65.9	66.8	67.4	67.5	67.8	68.1	68.1	68.4	68.7	68.7	68.8	68.9	69.3
≥ 8000	56.1	65.7	66.8	67.7	68.3	68.4	68.7	69.0	69.0	69.3	69.6	69.6	69.7	69.8	70.2
≥ 7000	56.7	66.5	67.5	68.4	69.1	69.2	69.4	69.7	69.7	70.1	70.4	70.4	70.5	70.5	71.2
≥ 6000	57.3	67.1	68.2	69.7	69.9	70.1	70.4	70.4	70.8	71.0	71.0	71.2	71.2	71.6	71.9
≥ 5000	58.3	68.3	69.3	70.3	70.9	71.0	71.2	71.6	71.6	71.9	72.2	72.2	72.3	72.4	72.7
≥ 4500	58.7	68.7	69.7	70.8	71.3	71.5	71.7	72.0	72.0	72.4	72.6	72.6	72.8	72.8	73.5
≥ 4000	59.4	69.5	70.5	71.5	72.1	72.3	72.5	72.8	72.8	73.2	73.4	73.4	73.6	73.6	74.3
≥ 3500	60.4	70.7	71.7	72.7	73.3	73.5	73.7	74.0	74.0	74.4	74.7	74.7	74.8	74.8	75.5
≥ 3000	62.2	72.8	73.9	74.9	75.5	75.6	75.9	76.2	76.2	76.5	76.8	76.8	76.9	77.0	77.4
≥ 2500	64.6	75.9	76.9	78.1	78.7	78.8	79.1	79.4	79.4	79.7	80.0	80.0	80.1	80.2	80.9
≥ 2000	66.7	79.0	80.2	81.4	82.1	82.2	82.5	82.8	82.8	83.1	83.4	83.4	83.6	83.6	84.3
≥ 1800	67.3	79.7	81.0	82.2	82.9	83.1	83.3	83.7	83.7	84.0	84.3	84.3	84.4	84.5	84.9
≥ 1500	69.1	82.4	83.8	85.2	85.8	86.0	86.4	86.8	86.8	87.1	87.4	87.4	87.5	87.6	88.3
≥ 1200	70.5	84.7	86.3	87.8	88.5	88.7	89.2	89.5	89.5	89.9	90.2	90.2	90.3	90.3	90.8
≥ 1000	71.4	86.5	88.4	90.0	90.9	91.1	91.7	92.0	92.0	92.4	92.7	92.7	92.8	92.9	93.3
≥ 900	71.5	87.0	88.9	90.7	91.7	91.9	92.5	92.8	92.8	93.2	93.5	93.5	93.6	93.7	94.1
≥ 800	71.8	88.0	90.0	91.8	92.0	92.2	92.8	94.3	94.3	94.6	95.0	95.0	95.1	95.1	95.9
≥ 700	71.9	88.4	90.5	92.3	93.6	93.8	94.5	94.9	94.9	95.3	95.6	95.6	95.7	95.8	96.2
≥ 600	72.0	88.6	91.0	93.0	94.2	94.4	95.1	95.5	95.5	96.0	96.3	96.3	96.4	96.5	97.2
≥ 500	72.0	89.0	91.3	93.5	94.8	95.1	95.9	96.3	96.3	96.8	97.1	97.1	97.4	97.4	98.2
≥ 400	72.0	89.1	91.3	93.7	95.1	95.4	96.2	96.7	96.7	97.2	97.6	97.6	97.8	97.9	98.3
≥ 300	72.0	89.1	91.3	93.7	95.2	95.5	96.4	96.9	96.9	97.5	97.9	97.9	98.1	98.2	98.7
≥ 200	72.0	89.1	91.3	93.7	95.2	95.5	96.4	96.9	96.9	97.5	97.9	97.9	98.2	98.3	99.3
≥ 100	72.0	89.1	91.3	93.7	95.2	95.5	96.4	96.9	96.9	97.5	97.9	97.9	98.3	98.4	99.5
≥ 0	72.0	89.1	91.3	93.7	95.2	95.5	96.4	96.9	96.9	97.5	97.9	97.9	98.3	98.4	99.0

TOTAL NUMBER OF OBSERVATIONS

2876

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 29-70

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

48000 3100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.3	54.0	54.7	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 20000	53.4	64.8	65.8	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000	53.7	65.1	66.1	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 16000	54.6	66.0	67.0	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 14000	55.1	66.8	67.8	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 12000	56.3	68.1	69.1	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 10000	57.3	69.2	70.2	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 9000	57.5	69.5	70.5	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 8000	58.2	70.2	71.2	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 7000	58.6	70.7	71.7	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 6000	59.1	71.3	72.3	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 5000	60.0	72.2	73.2	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 4000	60.3	72.5	73.5	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 4000	61.3	73.8	74.8	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 3500	62.7	75.2	76.3	77.0	77.0	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 3000	65.4	78.1	79.2	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 2500	69.4	82.7	83.8	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2000	72.4	86.7	87.8	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1800	73.1	87.6	88.7	89.6	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1500	74.3	89.9	91.1	92.2	92.3	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1200	75.7	92.3	93.7	94.9	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1000	76.3	93.8	95.3	96.5	97.1	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	76.5	94.2	95.7	97.3	97.6	97.8	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	76.5	94.4	96.0	97.7	98.1	98.3	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	76.5	94.5	96.1	97.9	98.3	98.5	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	76.5	94.5	96.1	98.1	98.3	98.7	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	76.6	94.6	96.2	98.2	98.6	98.8	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	76.6	94.6	96.2	98.2	98.6	98.9	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	76.6	94.6	96.2	98.2	98.6	98.9	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	76.6	94.6	96.2	98.2	98.6	98.9	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	76.6	94.6	96.2	98.2	98.6	98.9	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	76.6	94.6	96.2	98.2	98.6	98.9	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

2640

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	49.4	57.0	57.3	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 20000	61.6	70.9	71.5	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 18000	61.8	71.2	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 16000	61.9	71.3	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 14000	53.1	73.0	73.6	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 12000	64.3	74.2	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 10000	63.1	75.1	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 9000	65.5	75.5	76.2	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 8000	65.8	75.9	76.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 7000	66.4	76.5	77.2	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 6000	66.9	77.0	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 5000	67.8	77.9	78.7	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4500	68.2	78.4	79.2	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4000	69.8	80.1	80.9	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3500	72.0	82.4	83.2	85.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3000	75.1	85.7	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2500	78.8	89.8	90.7	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2000	81.4	93.1	94.2	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1800	81.6	93.6	94.8	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1500	52.6	95.2	96.5	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200	83.2	96.1	97.5	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	83.3	96.6	98.1	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	83.3	96.7	98.1	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	83.3	96.7	98.2	99.1	99.3	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	83.3	96.7	98.2	99.1	99.3	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	83.3	96.7	98.2	99.1	99.4	99.5	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 500	83.3	96.7	98.2	99.1	99.4	99.5	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 400	83.3	96.7	98.2	99.1	99.4	99.5	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	83.3	96.7	98.2	99.1	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0
≥ 200	83.3	96.7	98.2	99.1	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0
≥ 100	83.3	96.7	98.2	99.1	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0
≥ 0	83.3	96.7	98.2	99.1	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2879

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 19-70

APR

YEARS

1400-1700

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	57.1	60.5	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 18000	70.9	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 16000	71.4	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 14000	71.8	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 12000	73.8	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 10000	75.6	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 9000	76.3	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 8000	76.5	81.2	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 7000	77.2	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 6000	78.0	82.8	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 5000	78.4	83.4	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4500	79.1	84.1	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4000	79.7	84.8	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 3500	81.3	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3000	82.2	87.4	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2500	84.8	90.3	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2000	86.6	92.4	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800	88.9	95.2	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1500	89.2	95.6	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200	90.3	97.6	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	90.3	97.8	98.7	99.0	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	90.3	97.8	98.7	99.0	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	90.3	97.9	98.9	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	90.3	97.9	98.9	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	90.4	97.9	98.9	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	90.4	97.9	98.9	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	90.4	97.9	98.9	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	90.4	97.9	98.9	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	90.4	97.9	98.9	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	90.4	97.9	98.9	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	90.4	97.9	98.9	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

2879

USAF ETAC FORM 10-64 0-145 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

YEARS

APR

1400-2000

HOURS (EST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ ¼	≥ 0
NO CEILING	62.9	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 20000	73.7	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 18000	74.1	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 16000	74.6	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 14000	76.8	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 12000	78.5	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 10000	79.9	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 9000	80.1	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 8000	81.0	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 7000	81.6	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 6000	82.1	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 5000	82.8	87.1	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 4500	83.2	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4000	84.0	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3500	84.7	89.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3000	85.9	90.9	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2500	87.1	92.4	93.0	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2000	88.6	94.5	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1800	89.3	95.0	95.8	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	90.2	96.1	96.9	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	90.6	96.7	97.7	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	90.9	97.3	98.3	98.6	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	91.0	97.5	98.5	98.9	99.1	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	91.1	97.3	98.5	99.0	99.3	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	91.1	97.5	98.6	99.0	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	91.1	97.6	98.6	99.1	99.3	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	91.1	97.6	98.6	99.1	99.4	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	91.1	97.6	98.6	99.1	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	91.1	97.6	98.6	99.1	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	91.1	97.6	98.6	99.1	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	91.1	97.6	98.6	99.1	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	91.1	97.6	98.6	99.1	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2877

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

YEARS

ADR

2100-2300

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	68.5	71.5	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 20000	75.3	78.2	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 18000	75.5	78.9	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6
≥ 16000	75.8	79.2	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9
≥ 14000	77.0	80.4	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1
≥ 12000	77.9	81.4	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 10000	79.4	82.9	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6
≥ 9000	79.6	83.1	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 8000	80.1	82.7	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 7000	80.8	84.5	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2
≥ 6000	81.5	85.3	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0
≥ 5000	82.3	86.2	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4500	83.1	87.0	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4000	83.9	87.8	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6
≥ 3500	84.6	88.6	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3000	85.8	90.0	90.5	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9
≥ 2500	86.7	91.2	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2
≥ 2000	89.0	93.6	94.2	94.5	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800	89.4	94.2	94.8	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4
≥ 1500	90.6	95.3	95.9	96.2	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200	91.3	96.4	97.2	97.6	97.8	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.1
≥ 1000	91.7	97.0	97.8	98.2	98.4	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
> 900	91.8	97.1	97.9	98.4	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	91.9	97.3	98.1	98.5	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	91.9	97.5	98.4	98.8	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 600	92.0	97.6	98.5	99.0	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 500	92.0	97.7	98.7	99.1	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	92.0	97.7	98.7	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	92.0	97.7	98.7	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	92.0	97.7	98.7	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	92.0	97.7	98.7	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≤ 0	92.0	97.7	98.7	99.1	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS _____

2872

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 19-70

MAY

YEARS

0000-0200

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	65.2	69.4	69.9	70.0	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.5	70.6	70.7	70.7
≥ 20000	69.8	74.4	74.9	75.1	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.5	75.6	75.7	75.8	75.8
≥ 18000	70.0	74.6	75.2	75.3	75.5	75.5	75.5	75.6	75.6	75.6	75.7	75.7	75.8	75.9	76.0	76.0
≥ 16000	70.1	74.7	75.2	75.3	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.8	75.9	76.0	76.0	76.0
≥ 14000	70.9	75.5	76.0	76.1	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.6	76.7	76.8	76.8	76.8
≥ 12000	71.8	76.4	76.9	77.0	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 10000	72.5	77.2	77.7	77.8	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.3	78.4	78.5	78.5
≥ 9000	72.8	77.4	78.0	78.1	78.3	78.3	78.3	78.4	78.4	78.4	78.5	78.5	78.6	78.6	78.8	78.8
≥ 8000	73.4	78.0	78.5	78.6	78.9	78.9	78.9	79.0	79.0	79.0	79.1	79.1	79.2	79.2	79.4	79.4
≥ 7000	73.8	78.4	79.0	79.1	79.3	79.3	79.3	79.4	79.4	79.4	79.5	79.5	79.6	79.6	79.8	79.8
≥ 6000	74.1	78.8	79.4	79.5	79.7	79.7	79.7	79.8	79.8	79.8	79.9	79.9	80.0	80.0	80.2	80.2
≥ 5000	74.5	79.2	79.8	79.9	80.1	80.1	80.1	80.2	80.2	80.2	80.3	80.3	80.4	80.4	80.6	80.6
≥ 4500	74.7	79.4	80.0	80.1	80.3	80.3	80.3	80.4	80.4	80.4	80.5	80.5	80.6	80.6	80.8	80.8
≥ 4000	75.0	79.8	80.3	80.5	80.7	80.7	80.7	80.8	80.8	80.8	80.9	80.9	81.0	81.0	81.2	81.2
≥ 3500	75.9	80.8	81.3	81.4	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.9	82.0	82.1	82.1
≥ 3000	76.8	81.7	82.2	82.4	82.6	82.6	82.6	82.7	82.7	82.7	82.8	82.8	82.9	83.0	83.1	83.1
≥ 2500	78.3	83.2	83.8	83.9	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.4	84.5	84.6	84.6
≥ 2000	80.2	85.4	86.7	86.1	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.6	86.7	86.8	86.8
≥ 1800	80.9	86.2	86.8	87.0	87.2	87.2	87.2	87.3	87.3	87.3	87.4	87.4	87.5	87.5	87.7	87.7
≥ 1500	83.1	88.6	89.2	89.4	89.6	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.9	89.9	90.1	90.1
≥ 1200	85.9	91.8	92.5	92.7	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.2	93.3	93.4	93.4
≥ 1000	88.0	94.3	95.1	95.3	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.8	95.9	96.1	96.1
≥ 900	89.0	95.6	96.4	96.6	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.1	97.2	97.4	97.4
≥ 800	89.6	96.7	97.5	97.7	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.2	98.3	98.5	98.5
≥ 700	90.0	97.2	98.0	98.3	98.6	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.9	98.9	99.1	99.1
≥ 600	90.1	97.3	98.3	98.5	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.2	99.2	99.4	99.4
≥ 500	90.1	97.4	98.3	98.6	99.1	99.1	99.1	99.1	99.2	99.2	99.3	99.3	99.4	99.4	99.6	99.6
≥ 400	90.1	97.5	98.4	98.7	99.2	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.8	99.8
≥ 300	90.1	97.5	98.4	98.7	99.2	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.7	99.7
≥ 200	90.1	97.5	98.4	98.7	99.2	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.7	99.7
≥ 100	90.1	97.5	98.4	98.7	99.2	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.7	99.7
≥ 0	90.1	97.5	98.4	98.7	99.2	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS _____

2974

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

YEARS

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-0500
HOURS (EST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING ≥ 2000	53.1	59.1	59.7	59.9	60.4	60.4	60.5	60.6	60.7	60.9	60.9	61.0	61.1	61.2	61.5	61.7
≥ 18000	57.2	63.5	64.1	64.4	65.0	65.1	65.2	65.3	65.3	65.6	65.6	65.7	65.8	65.8	66.1	66.4
≥ 16000	57.4	63.7	64.3	64.6	65.1	65.2	65.3	65.5	65.5	65.8	65.8	65.9	66.0	66.0	66.3	66.5
≥ 14000	58.4	64.8	65.4	65.7	66.2	66.3	66.4	66.5	66.6	66.9	66.9	66.9	67.1	67.1	67.4	67.6
≥ 12000	59.1	65.5	66.1	66.4	66.9	67.0	67.1	67.2	67.3	67.6	67.6	67.6	67.8	67.8	68.1	68.3
≥ 10000	60.0	66.5	67.1	67.4	67.9	68.0	68.1	68.3	68.3	68.6	68.7	68.7	68.8	68.9	69.2	69.4
≥ 9000	60.3	66.8	67.4	67.7	68.2	68.3	68.4	68.6	68.6	68.9	69.0	69.0	69.1	69.2	69.5	69.7
≥ 8000	60.9	67.4	68.0	68.3	68.9	69.0	69.1	69.2	69.2	69.5	69.6	69.6	69.7	69.8	70.1	70.3
≥ 7000	61.0	67.6	68.2	68.5	69.1	69.2	69.3	69.4	69.4	69.7	69.8	69.8	69.9	70.0	70.3	70.5
≥ 6000	61.3	67.9	68.6	68.8	69.4	69.5	69.6	69.7	69.7	70.0	70.1	70.1	70.2	70.3	70.6	70.8
≥ 5000	61.8	68.6	69.2	69.4	70.0	70.1	70.2	70.3	70.3	70.6	70.7	70.7	70.8	70.9	71.2	71.4
≥ 4500	61.9	68.7	69.3	69.6	70.1	70.2	70.3	70.4	70.5	70.8	70.8	70.8	71.0	71.3	71.5	71.7
≥ 4000	62.7	69.5	70.1	70.4	70.9	71.0	71.1	71.2	71.3	71.6	71.6	71.6	71.8	72.1	72.4	72.6
≥ 3500	63.4	70.3	70.9	71.1	71.7	71.8	71.9	72.0	72.0	72.4	72.4	72.4	72.6	72.6	72.9	73.1
≥ 3000	64.7	71.6	72.3	72.5	73.1	73.2	73.3	73.4	73.4	73.7	73.8	73.8	73.9	74.0	74.3	74.5
≥ 2500	66.3	73.4	74.0	74.3	74.8	74.9	75.0	75.1	75.2	75.5	75.5	75.5	75.7	75.7	76.0	76.3
≥ 2000	69.4	76.8	77.4	77.7	78.3	78.4	78.5	78.6	78.7	79.0	79.0	79.0	79.2	79.2	79.5	79.8
≥ 1800	70.2	77.7	78.3	78.6	79.2	79.3	79.4	79.5	79.6	79.9	79.9	80.0	80.1	80.1	80.4	80.7
≥ 1500	73.2	81.0	81.7	82.0	82.6	82.7	82.8	83.0	83.0	83.3	83.4	83.4	83.5	83.6	83.9	84.1
≥ 1200	77.0	85.7	86.6	87.0	87.6	87.7	87.9	88.0	88.0	88.3	88.4	88.4	88.5	88.6	88.9	89.1
≥ 1000	79.4	88.9	89.8	90.3	91.1	91.2	91.3	91.4	91.5	91.8	91.8	91.8	92.0	92.0	92.3	92.6
≥ 900	80.7	90.3	91.3	91.8	92.5	92.6	92.8	92.9	92.9	93.2	93.3	93.3	93.5	93.5	93.8	94.1
≥ 800	81.4	91.6	92.7	93.3	94.2	94.3	94.5	94.6	94.7	95.0	95.0	95.1	95.2	95.3	95.6	95.9
≥ 700	81.6	92.0	93.1	93.9	94.8	95.0	95.2	95.4	95.4	95.7	95.8	95.8	96.0	96.0	96.3	96.6
≥ 600	82.2	93.1	94.2	95.0	96.0	96.2	96.4	96.6	96.6	97.0	97.1	97.1	97.3	97.3	97.6	97.9
≥ 500	82.3	93.3	94.5	95.3	96.4	96.5	96.8	97.0	97.1	97.3	97.6	97.7	97.9	97.9	98.3	98.6
≥ 400	82.4	93.4	94.6	95.4	96.7	96.9	97.2	97.6	97.6	98.1	98.2	98.3	98.5	98.6	98.9	99.2
≥ 300	82.4	93.4	94.6	95.5	96.8	97.0	97.3	97.7	97.8	98.2	98.4	98.4	98.6	98.7	99.1	99.3
≥ 200	82.4	93.5	94.7	95.6	96.8	97.0	97.4	97.8	97.8	98.3	98.5	98.5	98.8	98.9	99.3	99.5
≥ 100	82.4	93.5	94.7	95.6	96.8	97.0	97.6	97.8	97.8	98.3	98.5	98.6	98.8	98.9	99.4	99.7
≥ 0	82.4	93.5	94.7	95.6	96.8	97.0	97.6	97.8	97.8	98.3	98.5	98.6	98.8	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS

2973

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 YEARS MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0400-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.5	53.7	54.2	54.9	55.0	55.0	55.0	55.0	55.1	55.2	55.3	55.3	55.3	55.3	55.5	55.6
≥ 20000	48.1	59.9	60.4	61.0	61.2	61.2	61.2	61.3	61.3	61.4	61.5	61.5	61.5	61.6	61.6	61.7
≥ 18000	48.3	60.1	60.6	61.3	61.4	61.4	61.4	61.5	61.5	61.6	61.7	61.7	61.8	61.8	62.0	62.1
≥ 16000	48.5	60.3	60.8	61.5	61.6	61.6	61.7	61.7	61.8	61.9	62.0	62.0	62.0	62.2	62.2	62.4
≥ 14000	49.3	61.1	61.6	62.3	62.5	62.5	62.5	62.6	62.6	62.7	62.8	62.8	62.9	62.9	63.0	63.2
≥ 12000	50.3	62.1	62.6	63.3	63.5	63.5	63.5	63.6	63.6	63.8	63.8	63.9	63.9	63.9	64.1	64.2
≥ 10000	51.3	63.2	63.8	64.5	64.6	64.6	64.6	64.7	64.7	64.8	64.9	65.0	65.0	65.0	65.2	65.4
≥ 9000	51.6	63.5	64.1	64.8	64.9	64.9	64.9	65.0	65.0	65.1	65.2	65.3	65.3	65.3	65.5	65.7
≥ 8000	52.3	64.3	64.4	65.5	65.7	65.7	65.7	65.7	65.8	65.8	65.9	66.0	66.0	66.1	66.1	66.4
≥ 7000	52.5	64.5	65.0	65.8	65.9	65.9	65.9	66.0	66.0	66.2	66.2	66.2	66.3	66.3	66.5	66.6
≥ 6000	52.9	65.0	65.5	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.7	66.7	66.8	66.8	67.0	67.1
≥ 5000	53.2	65.4	65.9	66.7	66.8	66.8	66.8	66.9	66.9	67.0	67.1	67.2	67.2	67.2	67.4	67.6
≥ 4500	53.3	65.5	66.1	66.8	67.0	67.0	67.0	67.0	67.1	67.1	67.3	67.4	67.4	67.4	67.6	67.8
≥ 4000	53.8	66.1	66.7	67.5	67.6	67.6	67.6	67.7	67.7	67.8	67.9	68.0	68.0	68.0	68.2	68.4
≥ 3500	54.3	66.7	67.2	68.0	68.2	68.2	68.2	68.3	68.3	68.5	68.5	68.6	68.6	68.6	68.8	68.9
≥ 3000	56.2	68.3	69.3	70.1	70.3	70.3	70.4	70.4	70.4	70.6	70.6	70.7	70.7	70.7	70.9	71.0
≥ 2500	58.1	71.0	71.0	72.4	72.6	72.6	72.7	72.8	72.8	72.9	73.0	73.0	73.0	73.0	73.2	73.4
≥ 2000	61.6	74.7	75.4	76.4	76.6	76.6	76.6	76.7	76.7	76.7	76.9	76.9	77.0	77.0	77.2	77.3
≥ 1800	63.0	76.3	76.9	77.9	78.1	78.1	78.2	78.2	78.3	78.4	78.5	78.5	78.5	78.5	78.7	78.9
≥ 1500	66.6	80.9	81.6	82.7	83.0	83.0	83.1	83.1	83.2	83.2	83.3	83.4	83.4	83.4	83.6	83.8
≥ 1200	70.2	85.3	86.6	87.8	88.1	88.2	88.2	88.3	88.3	88.5	88.5	88.6	88.6	88.6	88.8	88.9
≥ 1000	72.2	88.9	89.7	91.0	91.4	91.5	91.6	91.7	91.7	91.9	91.9	92.0	92.0	92.0	92.2	92.4
≥ 900	72.9	90.1	91.0	92.3	92.8	92.8	92.9	93.0	93.1	93.2	93.3	93.3	93.4	93.4	93.5	93.7
≥ 800	73.5	91.5	92.6	94.3	94.9	95.0	95.1	95.2	95.2	95.4	95.5	95.5	95.6	95.6	95.7	95.9
≥ 700	73.6	92.1	93.4	95.2	95.9	95.9	96.0	96.2	96.2	96.4	96.5	96.5	96.6	96.6	96.7	96.9
≥ 600	73.7	92.6	93.9	95.8	96.6	96.6	96.7	96.9	97.0	97.2	97.3	97.3	97.4	97.4	97.6	97.7
≥ 500	73.7	92.8	94.3	96.3	97.2	97.3	97.4	97.6	97.6	97.7	98.0	98.2	98.3	98.4	98.4	98.7
≥ 400	73.7	92.9	94.3	96.5	97.4	97.5	97.6	97.6	97.8	97.9	98.4	98.5	98.5	98.6	98.6	98.8
≥ 300	73.7	92.9	94.4	96.5	97.5	97.6	97.8	98.2	98.3	98.8	98.9	98.9	99.1	99.1	99.3	99.5
≥ 200	73.7	92.9	94.4	96.5	97.5	97.6	97.9	98.3	98.4	99.0	99.1	99.1	99.3	99.4	99.4	99.8
≥ 100	73.7	92.9	94.4	96.5	97.6	97.6	97.9	98.3	98.4	99.0	99.1	99.2	99.4	99.5	99.7	99.9
0	73.7	92.9	94.4	96.5	97.6	97.6	97.9	98.3	98.4	99.0	99.1	99.2	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2974

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

YEARS

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING ≥ 20000	48.0	60.1	60.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
	54.7	61.0	68.9	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 18000	54.9	60.3	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 16000	55.1	68.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 14000	56.3	69.9	70.6	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 12000	57.2	70.3	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 10000	58.1	71.6	72.7	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 9000	58.2	71.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 8000	58.5	72.3	73.2	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 7000	58.8	72.6	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 6000	59.0	72.9	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 5000	59.3	73.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 4500	59.6	73.6	74.5	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4000	60.3	74.4	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 3500	61.6	75.7	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 3000	63.9	78.2	79.1	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 2500	68.4	82.9	83.9	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2000	73.3	88.3	89.4	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1800	74.5	89.7	90.8	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1500	77.2	93.0	94.0	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200	79.5	96.2	97.3	97.7	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	80.2	97.2	98.4	98.5	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	80.3	97.5	98.7	99.1	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	80.3	97.7	98.8	99.3	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	80.3	97.7	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	80.3	97.7	98.9	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	80.3	97.7	98.9	99.4	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	80.3	97.7	98.9	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	80.3	97.7	98.9	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	80.3	97.7	98.9	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	80.3	97.7	98.9	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	80.3	97.7	98.9	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

2973

USAF ETAC FORM AR 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 YEARS MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	39.1	67.9	66.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 20000	68.9	79.3	79.4	79.0	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 18000	69.1	79.5	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 16000	69.4	79.9	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 14000	70.2	80.7	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 12000	70.8	81.4	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 10000	71.9	82.4	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 9000	71.9	82.5	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 8000	72.1	82.8	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 7000	72.3	83.0	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 6000	72.5	83.1	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 5000	73.1	83.8	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4500	73.6	84.3	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4000	74.7	85.4	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3500	76.1	86.9	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 3000	78.5	89.2	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2500	81.8	92.9	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2000	85.0	96.4	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	85.5	97.0	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	86.7	98.3	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	87.0	98.6	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	87.0	98.8	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	87.0	98.8	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	87.0	98.9	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	87.0	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	87.0	98.9	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	87.0	98.9	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	87.0	98.9	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	87.0	98.9	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	87.0	98.9	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	87.0	98.9	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	87.0	98.9	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

2974

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL STATION

19-70

YEARS

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	57.6	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 20000	79.0	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 18000	79.6	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 16000	80.1	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 14000	81.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 12000	82.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 10000	83.5	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 9000	83.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 8000	84.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 7000	84.2	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 6000	84.5	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 5000	84.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4500	85.2	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4000	85.9	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3500	86.8	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 3000	88.5	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	90.1	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2000	92.2	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1800	92.7	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	93.6	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	93.9	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	94.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	94.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	94.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	94.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	94.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	94.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	94.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	94.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	94.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	94.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	94.0	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

2973

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AER CALIF/SAN RAFAEL 39-70

MAY

STATION NO. YEARS

1960-1970

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	69.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 20000	79.3	83.1	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 18000	79.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 16000	80.2	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 14000	81.5	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 12000	82.9	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 10000	83.8	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 9000	84.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 8000	84.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 7000	84.8	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 6000	85.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 5000	85.4	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 4500	85.7	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4000	85.9	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3500	86.5	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3000	87.5	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2500	88.7	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2000	90.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	91.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1500	92.1	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	93.0	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	93.3	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	93.3	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	93.4	99.4	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	93.4	99.5	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	93.4	99.5	99.6	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	93.4	99.5	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	93.4	99.5	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	93.4	99.5	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.4	99.5	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.4	99.5	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.4	99.5	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2975

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 YEARS MAY
STATION NAME MONTH
2100-2300
4000 (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	71.5	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 18000	76.8	81.4	81.8	81.0	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 16000	77.0	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 14000	77.4	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 12000	78.0	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 10000	78.4	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 9000	79.9	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 8000	80.1	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 7000	80.7	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 6000	81.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 5000	81.4	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 4000	81.8	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3500	82.0	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3000	82.8	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2500	83.4	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 2000	84.2	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	85.4	90.5	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1500	87.6	92.8	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1200	87.9	93.2	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	89.3	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 900	91.5	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	92.5	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	93.0	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	93.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	93.0	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	93.0	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	93.0	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	93.0	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	93.0	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0	93.0	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

2970

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE COMPLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2321 HAMILTON AFB CALIF/SAN RAFAEL 39-40-42-70 JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/4	≥ 0
NO CEILING	70.0	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 20000	74.3	77.3	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 18000	74.4	77.4	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 16000	74.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 14000	75.2	78.2	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 12000	75.9	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 10000	76.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 9000	77.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4
≥ 8000	77.5	80.5	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 7000	77.7	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 6000	77.8	80.9	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 5000	77.9	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4500	78.1	81.3	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 4000	78.6	81.6	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 3500	78.7	81.9	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 3000	78.8	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2500	79.4	82.7	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 2000	80.9	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1800	81.7	85.2	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1500	84.8	88.3	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1200	87.6	91.3	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1000	90.7	94.9	94.9	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 900	92.0	96.3	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800	93.3	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	93.9	98.7	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	94.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	94.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	94.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	94.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.5	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.5	99.6	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.5	99.6	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2786

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

23611 HAMILTON AFB CALIF/SAN RAFAEL 39°40.42°70 JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0700-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ ¼	≥ 0
NO CEILING	57.1	62.9	63.5	63.6	63.7	63.7	63.8	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.2	64.2
≥ 20000	60.7	66.4	67.4	67.5	67.7	67.7	67.7	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.2	68.2
≥ 18000	60.7	66.9	67.5	67.6	67.3	67.8	67.8	67.8	67.9	68.1	68.1	68.1	68.1	68.1	68.3	68.3
≥ 16000	60.4	67.1	67.6	67.8	67.9	67.9	68.0	68.0	68.1	68.3	68.3	68.3	68.3	68.3	68.4	68.4
≥ 14000	61.2	67.5	68.0	68.2	68.3	68.3	68.4	68.4	68.5	68.7	68.7	68.7	68.7	68.7	68.8	68.8
≥ 12000	62.0	68.3	68.8	69.0	69.1	69.1	69.2	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.6	69.6
≥ 10000	62.8	69.2	69.7	69.9	70.0	70.0	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.5	70.5
≥ 9000	62.9	69.2	69.8	69.9	70.1	70.1	70.1	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.6	70.6
≥ 8000	63.1	69.4	69.9	70.1	70.2	70.2	70.3	70.3	70.4	70.6	70.6	70.6	70.6	70.6	70.7	70.7
≥ 7000	63.3	69.8	70.4	70.5	70.7	70.7	70.7	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.2	71.2
≥ 6000	63.7	70.0	70.6	70.7	70.8	70.8	70.9	70.9	71.0	71.2	71.2	71.2	71.2	71.2	71.3	71.3
≥ 5000	63.8	70.1	70.7	70.8	71.0	71.0	71.0	71.0	71.1	71.3	71.3	71.3	71.3	71.3	71.5	71.5
≥ 4500	63.8	70.1	70.7	70.8	71.0	71.0	71.0	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.5	71.5
≥ 4000	64.1	70.4	71.0	71.1	71.3	71.3	71.3	71.3	71.4	71.6	71.6	71.6	71.6	71.6	71.8	71.8
≥ 3500	64.5	70.9	71.5	71.6	71.8	71.8	71.8	71.8	71.9	72.1	72.1	72.1	72.1	72.1	72.3	72.3
≥ 3000	65.0	71.3	72.1	72.3	72.4	72.4	72.5	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.9	72.9
≥ 2500	66.0	72.5	73.1	73.3	73.4	73.4	73.5	73.5	73.6	73.8	73.8	73.8	73.8	73.8	73.9	73.9
≥ 2000	67.8	74.4	75.0	75.2	75.3	75.3	75.3	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.8	75.8
≥ 1800	69.1	75.9	76.5	76.6	76.8	76.8	76.8	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.3	77.3
≥ 1500	72.7	79.3	80.3	80.6	80.8	80.8	80.8	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.3	81.3
≥ 1200	77.6	85.0	85.7	85.9	86.0	86.0	86.0	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.5	86.5
≥ 1000	81.5	89.4	90.2	90.3	90.5	90.5	90.5	90.6	90.6	90.8	90.8	90.8	90.8	90.8	91.1	91.1
≥ 900	82.9	91.4	92.1	92.4	92.5	92.5	92.6	92.6	92.7	92.9	92.9	92.9	92.9	92.9	93.1	93.1
≥ 800	84.8	94.0	94.8	95.0	95.2	95.2	95.3	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.8	95.8
≥ 700	85.9	95.7	96.5	96.7	96.9	96.9	97.0	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.5	97.5
≥ 600	86.5	96.9	97.7	98.0	98.2	98.2	98.3	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.9	98.9
≥ 500	86.8	97.4	98.2	98.5	98.7	98.7	98.8	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.4	99.4
≥ 400	86.8	97.6	98.4	98.7	98.9	98.9	99.0	99.0	99.1	99.3	99.4	99.4	99.4	99.4	99.6	99.6
≥ 300	86.9	97.6	98.4	98.7	99.0	99.0	99.1	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.6	99.6
≥ 200	86.9	97.6	98.4	98.7	99.0	99.0	99.1	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 100	86.9	97.6	98.4	98.7	99.0	99.0	99.1	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 0	86.9	97.6	98.4	98.7	99.0	99.0	99.1	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

2783

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39°40'42.70" YEARS JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0400-0800
HOURS (IST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	48.6	59.7	59.9	60.0	60.0	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 18000	52.4	64.6	64.8	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 16000	52.6	64.6	65.0	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 14000	53.2	65.3	65.7	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 12000	53.7	66.1	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 10000	54.3	67.0	67.2	67.3	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 9000	54.6	67.1	67.3	67.4	67.5	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 8000	54.8	67.5	67.7	67.8	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 7000	54.9	67.7	67.9	68.0	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 6000	55.3	68.1	68.3	68.4	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 5000	55.7	68.4	68.7	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 4500	55.7	68.5	68.7	68.8	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 4000	56.4	69.2	69.4	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 3500	56.6	69.4	69.7	69.8	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 3000	57.6	70.4	70.7	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 2500	58.7	72.0	72.3	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 2000	61.6	74.9	75.2	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 1800	63.1	76.8	77.0	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 1500	67.6	81.6	81.9	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1200	72.6	87.8	88.1	88.3	88.4	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1000	73.3	91.4	91.8	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5
≥ 900	76.2	93.3	93.7	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4
≥ 800	77.2	95.3	95.7	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5
≥ 700	77.5	96.5	97.1	97.5	97.7	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 600	77.8	97.4	98.1	98.6	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	77.8	97.6	98.4	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	77.8	97.7	98.5	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	77.8	97.8	98.6	99.1	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	77.8	97.8	98.6	99.1	99.5	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	77.8	97.8	98.6	99.1	99.5	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	77.8	97.8	98.6	99.1	99.5	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

2788

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL STATION NAME 39-40-42-70 YEARS JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	
NO CEILING ≥ 20000	57.6	72.7	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
61.7	78.2	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 18000	62.0	78.5	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 16000	62.1	78.7	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 14000	62.6	79.2	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 12000	63.0	79.7	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 10000	63.4	80.3	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 9000	63.4	80.3	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 8000	63.6	80.6	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 7000	63.7	80.7	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 6000	63.9	81.0	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 5000	64.1	81.1	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4500	64.3	81.4	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4000	64.9	82.0	82.6	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3500	65.5	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3000	66.9	84.1	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2500	69.8	87.2	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2000	73.7	91.0	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1800	75.3	92.7	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1500	77.9	93.7	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	80.0	98.3	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	80.4	98.9	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	80.5	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	80.6	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	80.6	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	80.6	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	80.6	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	80.6	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	80.6	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	80.6	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	80.6	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	80.6	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2787

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 STATION HAMILTON AFB CALIF/SAN RAFAEL 39-40,42-70 YEARS JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LISTED

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	72.1	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
78.4	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 18000	79.0	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 16000	79.1	89.0	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 14000	79.5	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 12000	80.0	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 10000	80.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 9000	80.6	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 8000	80.7	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 7000	80.8	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 6000	80.8	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 5000	81.0	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4500	81.2	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 4000	81.7	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3500	82.5	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
3000	84.1	94.3	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2500	86.3	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2000	87.8	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	88.1	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
1500	88.5	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	88.8	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	88.8	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	88.8	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	88.8	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	88.8	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
600	88.8	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	88.8	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
400	88.8	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	88.8	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
200	88.8	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	88.8	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	88.8	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

2789

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-40,42-70

YEARS

JUN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¾	≥0
NO CEILING ≥ 20000	79.2	82.3	82.5	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 18000	87.7	91.4	91.6	91.6	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 16000	88.0	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 14000	88.4	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 12000	88.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 10000	89.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 9000	89.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 8000	89.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 7000	90.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 6000	90.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 5000	90.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 4000	90.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 3500	90.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3000	90.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2500	91.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000	92.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800	93.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1500	94.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	95.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	95.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	95.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	95.0	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	95.0	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	95.0	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	95.0	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	95.0	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.0	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.0	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.0	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.0	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2783

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-40,42-70 JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-2000 HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	79.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 20000	86.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 18000	86.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 16000	86.9	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 14000	87.0	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 12000	88.8	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 10000	89.3	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 9000	89.5	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 8000	89.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 7000	90.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 6000	90.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 5000	90.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4500	90.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 4000	90.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3500	90.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3000	91.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2500	91.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2000	93.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	93.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500	94.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	94.7	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	94.7	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	94.8	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	94.8	99.5	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	94.8	99.5	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	94.9	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	94.9	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	94.9	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.9	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.9	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.9	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≤ 0	94.9	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2787

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL STATION NAME

39-40-42-70

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

-2-100-2200

DATA PROCESSING FORMS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	82.5	83.9	83.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 20000	84.8	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 18000	84.8	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 16000	84.9	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.4
≥ 14000	85.3	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 12000	85.9	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 10000	86.3	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 9000	86.6	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 8000	86.7	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 7000	87.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 6000	87.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 5000	87.5	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4500	87.6	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 4000	87.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3500	87.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3000	88.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2500	88.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2000	90.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1800	90.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1500	92.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200	94.0	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	94.7	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	94.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	95.0	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	95.1	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	95.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	95.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	95.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	95.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	95.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	95.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	95.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

2782

USAF ETAC FORM 10-64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 19-70

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	73.0	78.1	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 20000	75.7	81.3	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 18000	75.8	81.3	81.5	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 16000	75.8	81.3	81.5	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 14000	76.6	82.2	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 12000	76.9	82.5	82.7	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 10000	77.3	82.9	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 9000	77.3	82.9	83.1	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 8000	77.6	83.2	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 7000	77.6	83.2	83.4	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 6000	77.6	83.2	83.4	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 5000	77.6	83.2	83.4	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4500	77.6	83.2	83.4	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4000	77.7	83.3	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3500	77.7	83.3	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3000	77.8	83.4	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 2500	78.0	83.6	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2000	78.6	84.0	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1800	78.7	84.3	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1500	79.9	85.5	85.7	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1200	82.8	88.5	88.7	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1000	86.3	92.2	92.4	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 900	88.4	94.0	94.8	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 800	90.7	97.1	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	91.9	98.6	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	92.1	99.0	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	92.2	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	92.2	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	92.2	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	92.2	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	92.2	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	92.2	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

2975

USAF ETAC FORM 10-64 0-14-3 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	50.1	57.9	58.5	53.8	59.3	59.3	59.4	59.4	59.4	59.6	59.7	59.7	60.0	60.0	60.1	60.2
≥ 20000	51.7	60.1	60.7	61.1	61.4	61.5	61.6	61.7	61.7	61.9	61.9	61.9	62.3	62.3	62.4	62.5
≥ 18000	51.7	60.1	60.8	61.1	61.6	61.6	61.7	61.7	61.7	61.9	62.0	62.0	62.3	62.3	62.4	62.5
≥ 16000	52.0	60.3	61.0	61.3	61.4	61.6	61.9	61.9	62.0	62.1	62.2	62.2	62.6	62.6	62.7	62.8
≥ 14000	52.8	61.3	61.9	62.3	62.3	62.8	62.9	62.9	62.9	63.1	63.2	63.2	63.5	63.5	63.6	63.7
≥ 12000	53.6	62.1	62.8	63.1	63.6	63.6	63.7	63.7	63.7	63.9	64.0	64.0	64.3	64.3	64.4	64.5
≥ 10000	53.9	62.4	63.1	63.4	63.9	63.9	64.0	64.0	64.0	64.2	64.3	64.3	64.6	64.6	64.7	64.8
≥ 9000	53.9	62.4	63.1	63.4	63.4	63.9	63.9	64.0	64.0	64.1	64.2	64.3	64.4	64.4	64.5	64.6
≥ 8000	54.1	62.7	63.3	63.7	64.2	64.2	64.2	64.3	64.3	64.5	64.5	64.5	64.6	64.6	64.7	65.0
≥ 7000	54.1	62.7	63.4	63.7	64.2	64.2	64.3	64.3	64.3	64.5	64.6	64.6	64.9	64.9	65.0	65.1
≥ 6000	54.2	62.7	62.4	63.7	64.2	64.2	64.3	64.3	64.4	64.4	64.5	64.6	64.6	64.7	65.1	65.1
≥ 5000	54.2	62.7	63.4	63.7	64.2	64.2	64.3	64.3	64.4	64.4	64.5	64.6	64.6	64.7	65.1	65.1
≥ 4500	54.2	62.7	63.4	63.7	64.2	64.2	64.3	64.3	64.4	64.4	64.5	64.6	64.6	64.7	65.1	65.1
≥ 4000	54.2	62.7	63.4	63.7	64.2	64.2	64.3	64.3	64.4	64.4	64.5	64.6	64.6	64.7	65.1	65.1
≥ 3500	54.3	62.8	63.5	63.8	64.3	64.3	64.4	64.4	64.5	64.5	64.6	64.7	64.7	65.0	65.0	65.2
≥ 3000	54.4	63.0	63.6	64.0	64.5	64.5	64.5	64.6	64.6	64.6	64.8	64.8	64.9	65.2	65.2	65.3
≥ 2500	54.5	63.2	63.8	64.2	64.7	64.7	64.7	64.8	64.8	65.0	65.0	65.0	65.4	65.4	65.5	65.6
≥ 2000	55.0	63.7	64.3	64.7	65.2	65.2	65.2	65.3	65.3	65.5	65.5	65.5	65.9	65.9	66.0	66.1
≥ 1800	55.3	64.0	64.6	65.0	65.5	65.5	65.5	65.6	65.6	65.8	65.8	65.8	66.2	66.2	66.3	66.4
≥ 1500	57.1	65.7	66.4	66.8	67.3	67.3	67.3	67.4	67.4	67.6	67.6	67.6	68.0	68.0	68.1	68.2
≥ 1200	61.3	70.2	70.9	71.3	71.8	71.8	71.8	71.9	71.9	72.1	72.1	72.1	72.3	72.3	72.6	72.7
≥ 1000	67.1	76.7	77.6	78.0	78.5	78.5	78.6	78.6	78.7	78.8	78.9	78.9	79.3	79.3	79.4	79.5
≥ 900	70.0	80.2	81.1	81.5	82.1	82.1	82.2	82.2	82.3	82.4	82.5	82.5	82.9	82.9	83.0	83.1
≥ 800	74.2	85.3	86.5	86.9	87.4	87.4	87.7	87.7	87.8	88.0	88.1	88.1	88.4	88.4	88.6	88.7
≥ 700	77.6	90.6	91.8	92.5	93.2	93.2	93.3	93.3	93.4	93.6	93.7	93.7	94.0	94.0	94.2	94.3
≥ 600	79.1	93.1	94.4	95.1	95.9	95.9	96.0	96.0	96.1	96.3	96.4	96.4	96.8	96.8	96.9	97.0
≥ 500	79.6	94.1	95.6	96.5	97.3	97.3	97.4	97.5	97.6	97.8	97.9	97.9	98.3	98.3	98.5	98.6
≥ 400	79.7	94.4	96.0	97.0	97.4	97.9	98.0	98.1	98.2	98.5	98.6	98.6	99.0	99.0	99.2	99.3
≥ 300	79.7	94.4	96.0	97.1	98.1	98.2	98.3	98.4	98.5	98.8	98.9	98.9	99.3	99.3	99.5	99.6
≥ 200	79.7	94.4	96.0	97.1	98.1	98.2	98.3	98.4	98.5	98.8	98.9	98.9	99.3	99.3	99.6	99.7
≥ 100	79.7	94.4	96.0	97.1	98.1	98.2	98.3	98.4	98.5	98.8	98.9	98.9	99.4	99.4	99.7	99.9
≥ 0	79.7	94.4	96.0	97.1	98.1	98.2	98.3	98.4	98.5	98.8	98.9	98.9	99.4	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

2972

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

YEARS

MONTH

0400-0800C

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥½	≥¼	≥¼	≥0
NO CEILING ≥ 20000	39.8	53.3	53.9	54.4	54.5	54.5	54.6	54.6	54.6	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8
≥ 18000	41.2	55.5	56.3	56.8	56.8	56.8	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2
≥ 16000	41.2	55.6	56.3	56.8	56.9	56.9	57.0	57.0	57.0	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2
≥ 14000	42.4	56.8	57.6	58.1	58.1	58.1	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5
≥ 12000	42.6	57.9	58.6	59.1	59.2	59.2	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.5
≥ 10000	43.6	58.1	58.9	59.4	59.4	59.4	59.5	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8
≥ 9000	43.7	58.2	59.0	59.5	59.5	59.5	59.6	59.6	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.9	59.9
≥ 8000	43.9	58.5	59.3	59.8	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.2	60.2
≥ 7000	43.9	58.5	59.3	59.8	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.2	60.2
≥ 6000	43.9	58.6	59.3	59.8	59.9	59.9	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 5000	44.0	58.7	59.4	59.9	60.0	60.0	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3
≥ 4500	44.1	58.8	59.5	60.0	60.1	60.1	60.2	60.2	60.2	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4
≥ 4000	44.2	58.9	59.6	60.1	60.2	60.2	60.3	60.3	60.3	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5
≥ 3500	44.2	58.9	59.6	60.1	60.2	60.2	60.3	60.3	60.3	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5
≥ 3000	44.3	59.0	59.7	60.2	60.2	60.2	60.3	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.6	60.6	60.6
≥ 2500	44.5	59.2	59.9	60.4	60.5	60.5	60.6	60.6	60.6	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8
≥ 2000	45.6	60.3	61.0	61.5	61.6	61.6	61.7	61.8	61.8	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0
≥ 1800	46.1	60.9	61.6	62.2	62.2	62.3	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6
≥ 1500	48.6	63.6	64.4	64.9	64.9	64.9	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3
≥ 1200	54.2	70.9	71.8	72.3	72.4	72.4	72.5	72.5	72.5	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7
≥ 1000	59.2	78.0	78.9	79.6	79.6	79.6	79.7	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.1	80.1
≥ 900	62.1	82.2	83.1	83.8	83.8	83.8	83.9	84.0	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.3	84.3
≥ 800	64.7	86.8	87.9	88.8	88.8	88.8	89.0	89.0	89.0	89.1	89.2	89.2	89.2	89.2	89.3	89.3	89.3
≥ 700	66.7	90.6	92.0	93.2	93.3	93.3	93.5	93.5	93.5	93.6	93.7	93.7	93.7	93.7	93.8	93.8	93.8
≥ 600	67.5	92.6	94.3	95.7	96.0	96.0	96.2	96.2	96.2	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6
≥ 500	67.7	93.2	95.1	96.9	97.4	97.4	97.6	97.7	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.2	98.2
≥ 400	67.8	93.4	95.4	97.5	98.2	98.2	98.6	98.7	98.7	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 300	67.8	93.4	95.4	97.6	98.4	98.4	98.8	98.9	99.0	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7
≥ 200	67.8	93.4	95.4	97.6	98.4	98.4	98.8	98.9	99.0	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8
≥ 100	67.8	93.4	95.4	97.6	98.4	98.4	98.8	98.9	99.0	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8
≥ 0	67.8	93.4	95.4	97.6	98.4	98.4	98.8	98.9	99.0	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 2970

USAF ETAC FORM AFM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

-23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

YEARS

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

.0200-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥20	
NO CEILING	64.9	83.4	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 20000	68.6	88.0	88.3	88.5	88.5	88.5	88.5	88.5	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 18000	68.8	88.1	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 16000	69.1	88.5	88.8	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 14000	69.7	89.0	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 12000	70.1	89.6	89.9	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 10000	70.5	89.9	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 9000	70.5	89.9	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 8000	70.5	89.9	90.3	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 7000	70.5	90.0	90.4	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 6000	70.5	90.0	90.4	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 5000	70.5	90.1	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4500	70.6	90.1	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4000	70.6	90.1	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3500	70.6	90.2	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3000	70.8	90.4	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500	71.7	91.2	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2000	73.2	92.8	93.1	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1800	73.6	93.3	93.6	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1700	75.1	95.0	95.3	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1600	77.3	97.3	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	77.9	98.4	98.8	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	78.1	98.8	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	78.2	99.0	99.5	99.8	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	78.2	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	78.2	99.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	78.2	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	78.2	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	78.2	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	78.2	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	78.2	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	78.2	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS → 2974

USAF ETAC FORM JUN 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	79.5	91.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 18000	83.8	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 16000	84.3	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 14000	84.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 12000	85.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 10000	85.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 9000	85.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 8000	85.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 7000	85.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 6000	85.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 5000	85.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4500	85.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4000	85.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 3500	85.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 3000	85.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2500	86.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	86.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	86.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	86.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	86.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	86.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	86.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	86.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	86.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	86.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	86.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	86.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	86.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	86.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	86.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	86.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2976

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

YEARS

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	26	25	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	86.8	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 20000	92.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 18000	92.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 16000	92.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 14000	92.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 12000	93.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 10000	93.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 9000	93.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 8000	93.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 7000	93.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 6000	93.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 5000	93.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4500	93.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 4000	93.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 3500	93.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 3000	94.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	94.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	94.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	94.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	94.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	94.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	94.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	94.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	94.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	94.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	94.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	94.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	94.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2976

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 19-70

YEARS

JUL

1900-2000

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8
NO CEILING	87.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 20000	92.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 18000	92.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 16000	92.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 14000	92.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 12000	93.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 10000	94.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 9000	94.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 8000	94.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 7000	94.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 6000	94.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 5000	94.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4500	94.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4000	94.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3500	94.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3000	94.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2500	94.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000	95.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	95.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	95.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	95.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	95.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2972

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

CEILING VERSUS VISIBILITY

JUL MONTH
2100-2300
HOURS (EST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	86.0	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
	90.1	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 18000	90.2	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 16000	90.2	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 14000	90.7	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 12000	91.3	95.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 10000	91.6	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 9000	91.6	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 8000	91.7	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 7000	91.7	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 6000	91.7	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 5000	91.7	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4500	91.7	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4000	91.7	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3500	91.7	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3000	91.7	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2500	91.9	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	92.1	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	92.3	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1500	92.9	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	93.9	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	94.3	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	94.5	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	94.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	94.9	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	95.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	95.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	95.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2974

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

AUG

STATION NAME YEARS

0000-0200
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ ½/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	59.2	74.1	74.3	74.3	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
	72.2	77.4	77.6	77.6	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 18000	72.3	77.5	77.7	77.7	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 16000	72.4	77.5	77.8	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2
≥ 14000	73.7	79.0	79.2	79.2	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 12000	74.3	79.5	79.8	79.8	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 10000	74.5	79.8	80.0	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5
≥ 9000	74.5	79.9	80.1	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6
≥ 8000	74.7	80.0	80.3	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8
≥ 7000	74.8	80.1	80.4	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9
≥ 6000	74.8	80.2	80.4	80.5	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 5000	74.8	80.2	80.4	80.5	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 4500	74.9	80.2	80.5	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0
≥ 4000	74.9	80.3	80.5	80.6	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 3500	74.9	80.3	80.5	80.6	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 3000	75.1	80.5	80.7	80.8	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3
≥ 2500	75.5	80.8	81.1	81.2	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 2000	76.0	81.3	81.6	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1
≥ 1800	76.2	81.6	81.8	81.9	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1500	77.1	82.3	82.8	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3
≥ 1200	79.6	85.4	85.7	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2
≥ 1000	83.1	89.4	89.7	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2
≥ 900	85.3	91.8	92.1	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.6
≥ 800	87.4	94.4	94.6	94.7	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 700	89.1	96.7	97.0	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7
≥ 600	90.1	97.9	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 500	90.3	98.3	98.8	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 400	90.3	98.4	98.9	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 300	90.4	98.5	99.0	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 200	90.4	98.5	99.1	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 100	90.4	98.5	99.1	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≤ 0	90.4	98.5	99.1	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

2976

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 YEARS AUG
STATION NAME MONTH 0300-0500
HOURS (EST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.5	55.9	56.3	56.6	57.0	57.0	57.1	57.1	57.1	57.3	57.3	57.3	57.5	57.6	57.7	58.0
≥ 20000	52.9	58.8	59.1	59.5	59.8	59.8	59.9	60.0	60.0	60.2	60.2	60.2	60.4	60.4	60.6	60.9
≥ 18000	53.0	58.8	59.2	59.5	59.9	59.9	60.0	60.0	60.0	60.2	60.2	60.2	60.4	60.5	60.6	60.9
≥ 16000	53.0	58.9	59.2	59.6	59.9	59.9	60.0	60.1	60.1	60.3	60.3	60.3	60.5	60.5	60.7	61.0
≥ 14000	54.0	59.9	60.3	60.6	61.0	61.0	61.1	61.1	61.1	61.4	61.4	61.4	61.6	61.6	61.8	62.1
≥ 12000	54.8	60.7	61.2	61.5	61.9	61.9	62.0	62.1	62.1	62.3	62.3	62.3	62.5	62.5	62.7	63.0
≥ 10000	55.2	61.1	61.6	61.9	62.3	62.3	62.4	62.5	62.5	62.7	62.7	62.7	62.9	62.9	63.1	63.4
≥ 9000	55.3	61.3	61.8	62.1	62.5	62.5	62.6	62.6	62.6	62.9	62.9	62.9	63.1	63.1	63.3	63.5
≥ 8000	55.3	61.3	61.8	62.2	62.5	62.5	62.6	62.7	62.7	62.7	62.9	62.9	63.1	63.1	63.3	63.6
≥ 7000	55.4	61.4	61.9	62.2	62.6	62.6	62.7	62.7	62.7	63.0	63.0	63.0	63.2	63.2	63.4	63.6
≥ 6000	55.4	61.4	61.9	62.3	62.6	62.6	62.7	62.8	62.8	63.0	63.0	63.0	63.2	63.2	63.4	63.7
≥ 5000	55.4	61.4	61.9	62.3	62.6	62.6	62.7	62.8	62.8	63.0	63.0	63.0	63.2	63.2	63.4	63.7
≥ 4000	55.5	61.6	62.1	62.4	62.8	62.8	62.9	62.9	62.9	63.1	63.1	63.1	63.3	63.3	63.5	63.8
≥ 3500	55.7	61.7	62.2	62.6	62.9	62.9	63.0	63.1	63.1	63.3	63.3	63.3	63.5	63.5	63.7	64.0
≥ 3000	55.8	61.9	62.4	62.7	63.1	63.1	63.2	63.2	63.2	63.4	63.4	63.4	63.6	63.7	63.8	64.1
≥ 2500	56.5	62.6	63.1	63.4	63.8	63.8	63.9	63.9	63.9	64.2	64.2	64.2	64.4	64.4	64.6	64.8
≥ 2000	57.4	63.5	64.0	64.4	64.7	64.7	64.8	64.9	64.9	65.1	65.1	65.1	65.3	65.4	65.5	65.8
≥ 1800	57.8	63.9	64.4	64.7	65.1	65.1	65.2	65.2	65.2	65.5	65.5	65.5	65.7	65.7	65.9	66.2
≥ 1500	59.2	65.4	65.9	66.3	66.6	66.6	66.7	66.8	66.8	67.0	67.0	67.0	67.2	67.3	67.4	67.7
≥ 1200	62.7	69.2	69.6	70.0	70.4	70.4	70.5	70.5	70.5	70.8	70.8	70.8	71.0	71.0	71.2	71.5
≥ 1000	66.9	74.3	74.8	75.2	75.6	75.6	75.7	75.7	75.7	75.9	75.9	75.9	76.2	76.2	76.4	76.6
≥ 900	69.8	77.8	78.4	78.8	79.2	79.2	79.3	79.3	79.3	79.5	79.5	79.5	79.8	79.8	80.0	80.2
≥ 800	73.0	81.9	82.6	83.0	83.4	83.4	83.5	83.5	83.5	83.7	83.7	83.7	84.0	84.0	84.2	84.4
≥ 700	76.6	86.1	87.1	87.5	88.1	88.1	88.2	88.2	88.2	88.5	88.5	88.5	88.7	88.8	88.9	89.2
≥ 600	79.0	90.1	91.2	91.9	92.6	92.6	92.7	92.7	92.7	93.0	93.1	93.1	93.3	93.4	93.5	93.8
≥ 500	80.9	92.4	93.6	94.5	95.3	95.3	95.4	95.4	95.4	95.5	95.5	95.5	96.2	96.2	96.4	96.7
≥ 400	80.7	93.0	94.3	95.3	96.1	96.1	96.3	96.3	96.3	96.7	96.7	96.7	97.1	97.1	97.3	97.6
≥ 300	80.8	93.2	94.6	95.7	96.6	96.6	96.8	96.8	96.9	96.9	97.4	97.4	97.5	97.5	97.8	98.1
≥ 200	80.8	93.3	94.7	95.8	96.3	96.8	97.0	97.1	97.1	97.9	98.0	98.0	98.4	98.4	98.7	99.0
≥ 100	80.8	93.3	94.8	95.9	96.8	96.8	97.0	97.2	97.2	98.1	98.2	98.2	98.7	98.7	99.1	99.4
≥ 0	80.8	93.3	94.8	95.9	96.8	96.8	97.0	97.2	97.2	98.1	98.3	98.3	98.8	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

2075

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3

23211 STATION HAMILTON AFB CALIF/SAN RAFAEL 39-70

YEARS

AUG.
MONTH

0600-0800
HOURS (CST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	35.2	47.5	48.3	48.8	49.0	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.2	49.2	49.3	49.5
	37.7	50.6	51.4	51.9	52.1	52.1	52.2	52.2	52.2	52.3	52.3	52.3	52.4	52.4	52.5	52.7
≥ 18000	37.8	50.7	51.6	52.0	52.3	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.5	52.5	52.6	52.8
≥ 16000	37.9	50.9	51.7	52.2	52.4	52.4	52.5	52.5	52.5	52.6	52.6	52.6	52.7	52.7	52.8	53.0
≥ 14000	38.6	51.6	52.5	52.9	53.1	53.1	53.2	53.2	53.2	53.3	53.3	53.3	53.4	53.4	53.5	53.7
≥ 12000	39.8	53.0	53.8	54.3	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.8	54.8	54.9	55.1
≥ 10000	40.2	53.4	54.3	54.7	54.9	54.9	55.0	55.0	55.0	55.1	55.1	55.1	55.2	55.2	55.3	55.5
≥ 9000	40.3	53.8	54.6	55.1	55.3	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.5	55.5	55.6	55.8
≥ 8000	40.9	54.1	55.0	55.4	55.6	55.6	55.7	55.7	55.7	55.8	55.8	55.8	55.9	55.9	56.0	56.2
≥ 7000	40.9	54.2	55.0	55.5	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.9	55.9	56.0	56.3
≥ 6000	41.0	54.3	55.1	55.6	55.8	55.8	55.8	55.8	55.8	55.9	55.9	55.9	56.0	56.0	56.1	56.4
≥ 5000	41.0	54.3	55.1	55.6	55.8	55.8	55.8	55.8	55.8	55.9	55.9	55.9	56.0	56.0	56.1	56.4
≥ 4500	41.1	54.4	55.3	55.7	55.9	55.9	56.0	56.0	56.0	56.1	56.1	56.1	56.2	56.2	56.3	56.5
≥ 4000	41.3	54.6	55.5	55.9	56.1	56.1	56.2	56.2	56.2	56.3	56.3	56.3	56.4	56.4	56.5	56.7
≥ 3500	41.5	54.9	55.7	56.2	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.7	56.7	56.8	57.0
≥ 3000	42.0	55.4	56.3	56.8	57.1	57.1	57.0	57.0	57.0	57.1	57.1	57.1	57.2	57.2	57.3	57.5
≥ 2500	42.3	55.8	56.7	57.2	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.6	57.6	57.7	57.9
≥ 2000	43.2	56.8	57.6	58.1	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.6	58.6	58.7	58.9
≥ 1800	44.0	57.6	58.5	58.9	59.1	59.1	59.2	59.2	59.2	59.3	59.3	59.3	59.4	59.4	59.5	59.7
≥ 1500	46.5	60.5	61.3	61.8	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.3	62.3	62.4	62.6
≥ 1200	51.0	66.2	67.1	67.6	67.8	67.8	67.9	67.9	67.9	68.0	68.0	68.0	68.1	68.1	68.2	68.4
≥ 1000	55.6	72.9	74.0	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	75.1	75.1	75.2	75.4
≥ 900	58.0	77.0	78.1	78.3	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.4	79.6
≥ 800	60.6	81.6	83.0	83.9	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.5	84.5	84.6	84.9
≥ 700	62.0	85.1	86.8	88.0	88.3	88.3	88.5	88.6	88.6	88.7	88.7	88.7	88.8	88.8	88.9	89.2
≥ 600	63.0	88.0	90.1	91.9	92.4	92.4	92.7	92.8	92.8	92.9	92.9	92.9	93.1	93.1	93.2	93.5
≥ 500	63.5	89.3	91.8	94.0	94.7	94.8	95.2	95.3	95.3	95.5	95.5	95.6	95.6	95.8	95.8	96.0
≥ 400	63.5	89.5	92.0	94.6	95.5	95.6	96.2	96.4	96.5	96.8	96.9	97.0	97.2	97.2	97.4	97.7
≥ 300	63.5	89.7	92.2	95.0	96.0	96.1	96.9	97.1	97.3	97.9	98.1	98.1	98.4	98.4	98.6	99.0
≥ 200	63.5	89.7	92.2	95.1	96.1	96.2	97.0	97.2	97.4	98.1	98.2	98.2	98.6	98.6	99.0	99.4
≥ 100	63.5	89.7	92.2	95.1	96.1	96.2	97.0	97.2	97.4	98.1	98.2	98.2	98.7	98.7	99.2	99.7
≥ 0	63.5	89.7	92.2	95.1	96.1	96.2	97.0	97.2	97.4	98.1	98.2	98.2	98.7	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

2974

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

22211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

AUG

YEARS

0900-1100
HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	57.1	76.4	77.1	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0
≥ 18000	60.9	81.8	82.6	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 16000	61.0	81.8	82.6	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 14000	61.1	82.0	82.8	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 12000	61.8	82.7	83.3	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4
≥ 10000	62.7	83.7	84.5	85.2	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4
≥ 9000	63.3	84.4	85.2	85.9	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1
≥ 8000	63.4	84.5	85.4	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.4	86.4
≥ 7000	63.7	84.9	85.7	86.3	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7
≥ 6000	63.9	85.1	85.9	86.7	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9
≥ 5000	63.9	85.1	86.0	86.7	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4500	63.9	85.1	86.0	86.7	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4000	64.3	85.5	86.3	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.3	87.3
≥ 3500	64.4	85.6	86.4	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3000	65.1	86.3	87.1	87.9	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2500	65.8	87.2	88.0	88.7	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2000	67.6	89.1	90.0	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	91.0	91.0	91.0
≥ 1800	68.4	90.0	90.8	91.6	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1500	69.8	91.9	92.7	93.5	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.8	93.8	93.8
≥ 1200	71.6	94.6	95.5	96.3	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000	72.5	96.1	97.0	97.9	98.0	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	72.9	96.8	97.7	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0
≥ 800	73.1	97.3	98.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	73.1	97.4	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	73.1	97.6	98.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	73.1	97.6	98.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	73.1	97.6	98.6	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	73.1	97.6	98.6	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	73.1	97.6	98.6	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	73.1	97.6	98.6	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	73.1	97.6	98.6	99.6	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2976

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

23211 HAMILT N AFB CALIF/SAN RAFAEL 39-70 YEARS AUG

STATION STATION NAME

1200-1400
HOURS (IST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	73.1	87.6	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 20000	78.5	94.3	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 18000	78.7	94.4	94.8	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 16000	79.7	94.4	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 14000	79.5	95.2	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 12000	80.1	95.0	95.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 10000	80.3	96.1	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 9000	80.3	96.4	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 8000	80.7	96.6	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 7000	80.7	96.7	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 6000	80.7	96.7	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 5000	80.7	96.7	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4500	80.7	96.7	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4000	80.8	96.8	97.2	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3500	81.0	97.0	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3000	81.0	97.6	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	82.4	98.5	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	82.7	98.9	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1300	82.9	99.0	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	82.9	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	83.0	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	83.0	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	83.0	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	83.0	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	83.0	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	83.0	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	83.0	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	83.0	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	83.0	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 250	83.0	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	83.0	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	83.0	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

2976

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/S/N RAFAEL 39-70 YEARS AUG
STATION STATION NAME MONTH
1500-1700 HOURS (IST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	33.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 20000	90.1	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 18000	90.3	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 16000	90.5	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 14000	91.7	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 12000	92.0	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 10000	92.3	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 9000	92.5	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 8000	92.7	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 7000	92.7	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 6000	92.7	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 5000	92.8	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 4500	92.8	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 4000	92.8	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3500	92.9	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 3000	93.2	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2500	93.4	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2000	93.7	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1900	93.8	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	93.8	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	93.9	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	93.9	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	93.9	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	93.9	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	93.9	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	93.9	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	93.9	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	93.9	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	93.9	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.9	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.9	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.9	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2974

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 AUG
STATION NAME YEARS MONTH
PERCENTAGE FREQUENCY OF OCCURRENCE 1800-2000
(FROM HOURLY OBSERVATIONS) HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING ≥ 20000	83.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 18000	89.1	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 16000	89.2	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 14000	89.5	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 12000	90.6	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 10000	91.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 9000	91.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 8000	92.3	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 7000	92.4	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 6000	92.4	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 5000	92.6	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4500	92.6	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4000	92.6	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3500	92.6	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3000	92.6	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2500	92.8	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000	93.0	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	93.0	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	93.3	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	93.7	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	93.8	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	94.9	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	93.9	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	93.9	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	93.9	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	93.9	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	93.9	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	93.9	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.9	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.9	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.9	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2973

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFH CALIF/SAN RAFAEL 39-70 AUG

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
hours (EST.)

DATA PROCESSING DIVISION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥½	≥10
NO CEILING	83.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 20000	87.1	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 18000	87.2	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 16000	87.3	92.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 14000	88.4	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 12000	89.0	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 10000	89.3	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 9000	89.4	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 8000	89.6	95.2	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 7000	89.7	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 6000	89.7	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 5000	89.7	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 4500	89.8	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 4000	89.8	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 3500	89.8	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 3000	89.9	95.6	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2500	90.1	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2000	90.5	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1800	90.7	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1500	91.1	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	91.9	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1000	92.8	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	93.2	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	93.5	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	93.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	93.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	93.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	93.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	93.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≤ 0	93.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2975

USAF ETAC FORM 10-64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

SEP

YEARS

0000-0200
HOURS (EST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0	
NO CEILING	69.2	77.9	78.3	78.6	79.1	79.1	79.2	79.3	79.3	79.4	79.4	79.4	79.5	79.5	79.6	79.7	
≥ 2000	72.4	81.8	82.2	82.3	83.0	83.0	83.3	83.3	83.3	83.4	83.5	83.5	83.5	83.5	83.6	83.7	
≥ 18000	72.5	82.0	82.4	82.7	83.2	83.2	83.5	83.6	83.6	83.7	83.7	83.7	83.8	83.8	83.9	84.0	
≥ 16000	72.6	82.1	82.6	82.8	83.3	83.3	83.6	83.7	83.7	83.8	83.8	83.8	83.9	83.9	84.0	84.1	
≥ 14000	73.2	82.7	83.1	83.4	83.9	83.9	84.2	84.2	84.2	84.3	84.4	84.4	84.4	84.4	84.5	84.6	
≥ 12000	73.5	83.2	83.6	83.9	84.4	84.4	84.7	84.7	84.7	84.8	84.8	84.8	84.9	84.9	85.0	85.1	
≥ 10000	74.1	83.8	84.2	84.5	84.9	84.9	85.3	85.3	85.3	85.4	85.4	85.4	85.5	85.5	85.6	85.7	
≥ 9000	74.2	83.8	84.2	84.5	85.0	85.0	85.3	85.3	85.3	85.4	85.5	85.5	85.5	85.5	85.6	85.7	
≥ 8000	74.3	83.9	84.3	84.6	85.1	85.1	85.4	85.4	85.4	85.5	85.6	85.6	85.6	85.6	85.7	85.9	
≥ 7000	74.6	84.0	84.5	84.7	85.2	85.2	85.5	85.5	85.6	85.7	85.7	85.7	85.8	85.8	85.9	86.0	
≥ 6000	74.5	84.1	84.5	84.8	85.3	85.3	85.6	85.6	85.6	85.7	85.7	85.7	85.8	85.8	85.9	86.0	
≥ 5000	74.5	84.1	84.5	84.8	85.3	85.3	85.6	85.6	85.6	85.7	85.7	85.7	85.8	85.8	85.9	86.0	
≥ 4500	74.6	84.2	84.6	84.9	85.4	85.4	85.7	85.7	85.7	85.8	85.9	85.9	85.9	85.9	86.0	86.1	
≥ 4000	74.6	84.3	84.7	84.9	85.4	85.4	85.7	85.8	85.8	85.9	85.9	85.9	86.0	86.0	86.1	86.2	
≥ 3500	74.9	84.6	85.0	85.3	85.7	85.7	86.1	86.1	86.1	86.2	86.2	86.2	86.3	86.3	86.4	86.5	
≥ 3000	75.2	84.9	85.3	85.6	86.1	86.1	86.4	86.4	86.4	86.5	86.6	86.6	86.7	86.7	86.8	86.9	
≥ 2500	75.8	85.5	85.9	86.2	86.7	86.7	87.0	87.0	87.0	87.1	87.1	87.1	87.2	87.2	87.3	87.4	
≥ 2000	77.0	86.8	87.2	87.5	88.0	88.0	88.3	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.6	88.7	
≥ 1800	77.9	87.8	88.2	88.5	89.0	89.0	89.3	89.3	89.3	89.4	89.5	89.5	89.5	89.5	89.6	89.7	
≥ 1500	80.1	90.1	90.5	91.3	91.3	91.6	91.6	91.6	91.6	91.7	91.8	91.8	91.8	91.8	91.9	92.0	
≥ 1200	81.5	91.7	92.1	92.5	93.0	93.0	93.3	93.3	93.4	93.4	93.5	93.5	93.5	93.6	93.6	93.7	93.8
≥ 1000	83.3	94.0	94.6	94.9	95.4	95.4	95.7	95.7	95.7	95.8	95.9	95.9	95.9	95.9	96.0	96.1	
≥ 900	84.3	95.1	95.6	96.1	96.6	96.6	96.9	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.2	97.3	
≥ 800	85.0	96.1	96.7	97.1	97.6	97.6	97.9	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.3	98.4	
≥ 700	85.3	96.7	97.2	97.6	98.1	98.1	98.4	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.8	98.9	
≥ 600	85.6	97.2	97.8	98.3	98.7	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.4	99.5	
≥ 500	85.6	97.4	98.0	98.5	99.0	99.0	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.8	
≥ 400	85.7	97.5	98.1	98.6	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.8	
≥ 300	85.7	97.5	98.1	98.6	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.8	
≥ 200	85.7	97.5	98.2	98.7	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.9	100.0	
≥ 100	85.7	97.5	98.2	98.7	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.9	100.0	
≥ 0	85.7	97.5	98.2	98.7	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS

2877

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 SEP
STATION STATION NAME YEARS MONTH
PERCENTAGE FREQUENCY OF OCCURRENCE 0300-0300
(FROM HOURLY OBSERVATIONS) HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅔	≥½	≥5/16	≥¼	≥20	
NO CEILING	56.2	65.0	66.2	67.3	68.0	68.0	68.5	68.6	68.6	69.1	69.3	69.3	69.6	69.6	70.4	71.7	
≥ 20000	58.9	68.5	69.7	70.8	71.6	71.6	72.2	72.3	72.3	72.9	73.0	73.1	73.4	73.4	74.1	74.3	
≥ 18000	59.1	68.6	69.9	70.9	71.8	71.8	72.4	72.5	72.5	73.0	73.2	73.2	73.5	73.5	74.3	74.6	
≥ 16000	59.1	68.7	69.9	71.0	71.8	71.8	72.4	72.5	72.5	73.1	73.2	73.3	73.6	73.6	74.3	74.7	
≥ 14000	59.3	69.1	70.3	71.4	72.2	72.2	72.8	72.9	72.9	73.5	73.7	73.7	74.0	74.0	74.7	75.1	
≥ 12000	60.1	69.8	71.0	72.1	72.9	72.9	73.5	73.6	73.6	74.1	74.3	74.3	74.7	74.7	75.4	75.7	
≥ 10000	60.3	70.0	71.2	72.3	73.2	73.2	73.8	73.9	73.9	74.4	74.6	74.6	74.9	74.9	75.7	76.0	
≥ 9000	60.4	70.1	71.4	72.4	73.3	73.3	73.9	74.0	74.0	74.5	74.7	74.8	75.1	75.1	75.8	76.2	
≥ 8000	60.6	70.3	71.5	72.6	73.4	73.4	74.0	74.1	74.1	74.7	74.9	74.9	75.2	75.2	75.9	76.3	
≥ 7000	60.8	70.5	71.7	72.8	73.7	73.7	74.3	74.4	74.4	75.1	75.1	75.3	75.3	75.3	76.2	76.5	
≥ 6000	60.9	70.5	71.8	72.9	73.7	73.7	74.3	74.4	74.4	75.0	75.1	75.2	75.3	75.5	76.2	76.6	
≥ 5000	60.9	70.7	71.9	73.0	73.8	73.8	74.4	74.5	74.5	75.1	75.3	75.3	75.6	75.6	76.3	76.7	
≥ 4500	61.0	71.7	71.9	73.0	73.9	73.9	74.5	74.6	74.6	75.1	75.3	75.4	75.7	75.7	76.4	76.7	
≥ 4000	61.1	71.9	72.1	73.2	74.0	74.0	74.6	74.7	74.7	75.3	75.3	75.5	75.8	75.8	76.5	76.9	
≥ 3500	61.2	71.0	72.2	73.3	74.2	74.2	74.8	74.9	74.9	75.4	75.6	75.6	75.9	75.9	76.7	77.0	
≥ 3000	61.2	71.7	73.0	74.0	74.9	74.9	75.5	75.6	75.6	76.2	76.3	76.4	76.7	76.7	77.4	77.8	
≥ 250	62.0	72.5	73.7	74.8	75.7	75.7	76.3	76.4	76.4	76.9	77.1	77.1	77.4	77.4	78.2	78.5	
≥ 2000	64.4	74.4	75.6	76.7	77.5	77.5	78.1	78.2	78.2	78.8	79.0	79.0	79.3	79.3	80.0	80.4	
≥ 1800	65.1	75.3	76.5	77.6	78.5	78.5	79.1	79.2	79.2	79.7	79.9	79.9	80.3	80.3	81.0	81.3	
≥ 1500	67.3	77.8	79.0	80.1	81.1	81.1	81.6	81.8	81.8	82.3	82.5	82.5	82.8	82.8	83.6	83.9	
≥ 1200	69.6	80.4	81.7	82.8	83.8	83.8	84.4	84.5	84.5	85.1	85.2	85.3	85.6	85.6	86.3	86.7	
≥ 1000	71.9	83.1	84.3	85.3	86.5	86.5	87.1	87.2	87.2	87.8	87.9	88.0	88.3	88.3	89.0	89.4	
≥ 900	73.0	84.5	85.7	87.0	88.0	88.0	88.7	88.8	88.8	89.4	89.5	89.6	89.9	89.9	90.3	91.0	
≥ 800	74.3	86.3	87.7	88.9	90.1	90.1	90.9	91.0	91.0	91.6	91.8	91.8	92.1	92.1	92.8	93.2	
≥ 700	75.1	87.8	89.1	90.3	91.6	91.6	92.5	92.6	92.6	93.2	93.3	93.4	93.7	93.7	94.4	94.8	
≥ 600	75.6	88.9	90.2	91.7	92.9	92.9	93.7	93.8	93.8	94.4	94.6	94.6	95.0	95.0	95.7	96.1	
≥ 500	75.9	90.0	91.6	93.2	94.5	94.5	95.3	95.4	95.4	96.0	96.2	96.2	96.6	96.6	97.4	97.7	
≥ 400	76.1	90.3	91.8	93.7	95.1	95.1	96.0	96.1	96.1	96.7	96.8	96.9	97.2	97.2	98.0	98.4	
≥ 300	76.1	90.3	91.9	93.7	95.3	95.3	96.2	96.3	96.3	97.0	97.1	97.2	97.6	97.6	98.4	98.8	
≥ 200	76.1	90.5	92.1	94.1	95.4	95.4	96.4	96.5	96.5	97.3	97.4	97.5	97.9	97.9	98.7	99.1	
≥ 100	76.1	90.5	92.1	94.1	95.3	95.3	96.3	96.6	96.6	97.4	97.5	97.6	98.0	98.1	99.0	99.4	
≥ 0	76.1	90.5	92.1	94.1	95.3	95.3	96.3	96.6	96.6	97.4	97.5	97.6	98.1	98.1	99.1	100.0	

TOTAL NUMBER OF OBSERVATIONS

2877

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 STATION HAMILTON AFH CALIF/SAN RAFAEL 29-70

Sep

MONTH
0600-0800
HOURS (EST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	38.2	53.3	54.9	56.6	57.7	57.8	58.3	58.4	58.4	59.1	59.4	59.4	59.7	59.7	60.1	60.7	
≥ 20000	40.6	36.7	58.5	60.3	61.5	61.6	62.1	62.2	62.3	63.0	63.4	63.4	63.6	63.7	64.0	64.6	
≥ 18000	40.7	57.0	58.8	60.6	61.8	61.9	62.4	62.5	62.6	63.3	63.6	63.6	63.9	63.9	64.3	64.9	
≥ 16000	40.8	57.1	58.9	60.7	61.9	62.0	62.5	62.6	62.7	63.4	63.7	63.7	64.0	64.0	64.4	65.0	
≥ 14000	41.4	57.8	59.6	61.4	62.6	62.7	63.2	63.3	63.4	64.1	64.4	64.4	64.7	64.7	65.1	65.7	
≥ 12000	42.7	59.3	61.1	62.9	64.1	64.2	64.7	64.8	64.8	65.6	65.9	65.9	66.2	66.2	66.6	67.2	
≥ 10000	43.2	59.9	61.6	63.5	64.7	64.7	65.3	65.4	65.4	66.2	66.5	66.5	66.8	66.8	67.2	67.8	
≥ 9000	43.5	60.2	62.0	63.8	65.0	65.1	65.6	65.7	65.8	66.6	66.9	66.9	67.1	67.2	67.4	68.2	
≥ 8000	43.7	60.5	62.2	64.1	65.3	65.3	65.9	66.0	66.0	66.8	67.1	67.1	67.4	67.5	67.8	68.4	
≥ 7000	43.9	60.7	62.3	64.3	65.5	65.6	66.1	66.2	66.3	67.1	67.4	67.4	67.7	67.7	68.0	68.7	
≥ 6000	44.2	61.0	62.8	64.6	65.9	65.9	66.4	66.5	66.6	67.4	67.7	67.7	68.0	68.0	68.4	69.0	
≥ 5000	44.2	61.1	62.0	64.7	65.9	65.9	66.4	66.6	66.6	67.4	67.7	67.7	68.0	68.0	68.4	69.0	
≥ 4500	44.3	61.1	62.9	64.7	66.0	66.0	66.5	66.6	66.7	67.5	67.6	67.8	68.1	68.1	68.5	69.1	
≥ 4000	44.3	61.3	63.1	65.0	66.2	66.2	66.7	66.8	66.9	67.7	68.0	68.0	68.3	68.3	68.7	69.3	
≥ 3500	44.7	61.5	63.3	65.2	66.4	66.4	66.9	67.0	67.1	67.9	68.2	68.2	68.5	68.5	68.9	69.5	
≥ 3000	45.2	62.0	63.8	65.6	66.9	66.9	67.4	67.5	67.6	68.4	68.7	68.7	69.0	69.0	69.4	70.0	
≥ 2500	45.8	62.7	64.5	66.3	67.6	67.6	68.1	68.2	68.3	69.1	69.4	69.4	69.7	69.7	70.1	70.7	
≥ 2000	48.3	65.3	67.1	68.9	70.2	70.2	70.7	70.8	70.9	71.7	72.0	72.0	72.5	72.5	73.1	73.3	
≥ 1800	49.3	66.5	68.4	70.2	71.4	71.5	72.0	72.1	72.1	72.9	73.3	73.3	73.6	73.6	74.5		
≥ 1500	51.5	69.1	71.0	72.8	74.1	74.1	74.7	74.8	74.8	75.6	75.9	75.9	76.2	76.3	76.6	77.2	
≥ 1200	54.3	72.9	74.9	76.9	78.2	78.3	78.9	79.0	79.0	79.8	80.1	80.1	80.4	80.5	80.8	81.4	
≥ 1000	55.9	75.8	77.9	80.0	81.5	81.6	82.1	82.3	82.3	83.2	83.5	83.5	83.8	83.8	84.2	84.8	
≥ 900	56.9	77.7	79.9	82.0	83.5	83.6	84.1	84.3	84.4	85.2	85.5	85.5	85.8	85.8	86.2	86.9	
≥ 800	57.9	79.8	82.0	84.6	86.2	86.2	86.9	87.0	87.1	87.9	88.2	88.2	88.5	88.6	88.9	89.6	
≥ 700	58.2	81.4	83.8	86.6	88.4	88.5	89.2	89.3	89.4	90.3	90.6	90.6	90.9	90.9	91.3	92.0	
≥ 600	58.3	82.2	88.0	88.1	89.9	90.1	90.9	91.0	91.1	91.9	92.3	92.3	92.6	92.6	93.0	93.6	
≥ 500	58.4	82.7	83.7	89.0	91.1	91.4	92.3	92.5	92.5	93.5	93.9	93.9	94.3	94.3	94.7	95.3	
≥ 400	58.4	82.9	86.0	89.5	91.7	92.0	93.2	93.4	93.5	94.6	95.0	95.0	95.4	95.4	95.8	96.5	
≥ 300	58.4	82.9	86.0	89.5	92.1	92.5	93.8	94.2	94.2	94.3	95.7	96.2	96.2	96.9	96.9	97.3	98.0
≥ 200	58.4	83.0	86.1	89.6	92.2	92.6	94.0	94.6	94.6	94.8	96.3	96.9	96.9	97.7	97.8	98.2	99.0
≥ 100	58.4	83.0	86.1	89.6	92.2	92.7	94.2	94.7	95.0	96.4	97.1	97.1	98.0	98.1	98.7	99.5	
≥ 0	58.4	83.0	86.1	89.6	92.2	92.7	94.2	94.7	95.0	96.4	97.1	97.1	98.0	98.1	98.7	99.5	

TOTAL NUMBER OF OBSERVATIONS () 2876

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 SEP

STATION NAME STATION NUMBER YEARS MONTH

0900-1100 HOURS (EST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	46.9	70.2	73.0	74.6	75.1	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4
≥ 20000	50.1	75.7	78.3	80.3	80.9	81.0	81.1	81.2	81.3	81.4	81.4	81.4	81.5	81.5	81.5	81.5
≥ 18000	50.2	75.7	78.7	80.5	81.1	81.2	81.3	81.4	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.7
≥ 16000	50.3	76.2	79.0	80.6	81.4	81.5	81.6	81.7	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.0
≥ 14000	50.9	76.8	79.7	81.5	82.1	82.2	82.3	82.4	82.4	82.6	82.6	82.6	82.7	82.7	82.7	82.7
≥ 12000	51.7	77.9	80.8	82.6	83.2	83.3	83.4	83.5	83.6	83.7	83.7	83.7	83.8	83.8	83.8	83.8
≥ 10000	51.9	78.2	81.1	82.9	83.5	83.6	83.7	83.8	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.1
≥ 9000	52.2	78.6	81.3	83.3	83.9	84.0	84.1	84.2	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5
≥ 8000	52.6	78.9	81.9	83.7	84.3	84.4	84.5	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 7000	52.7	79.0	81.9	82.8	84.4	84.5	84.6	84.6	84.7	84.8	84.8	84.8	84.9	84.9	84.9	84.9
≥ 6000	52.9	79.2	82.2	84.0	84.6	84.7	84.8	84.9	84.9	85.1	85.1	85.1	85.2	85.2	85.2	85.2
≥ 5000	53.0	79.4	82.3	84.1	84.7	84.8	84.9	85.0	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3
≥ 4500	53.1	79.5	82.4	84.3	84.8	84.9	85.1	85.1	85.2	85.3	85.3	85.3	85.4	85.4	85.4	85.4
≥ 4000	53.2	79.7	82.6	84.4	85.0	85.1	85.2	85.3	85.4	85.5	85.5	85.5	85.6	85.6	85.6	85.6
≥ 3500	53.6	80.0	82.9	84.8	85.4	85.5	85.6	85.6	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3000	54.3	80.8	83.8	85.6	86.2	86.3	86.4	86.5	86.6	86.7	86.7	86.7	86.8	86.8	86.8	86.8
≥ 2500	55.8	82.3	83.2	87.0	87.7	87.8	87.9	87.9	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2
≥ 2000	58.4	85.0	87.9	89.8	90.4	90.5	90.6	90.6	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1800	59.6	86.3	89.2	91.1	91.7	91.8	91.9	91.9	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2
≥ 1500	61.1	88.1	91.1	93.0	93.6	93.7	93.8	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1200	62.6	90.4	93.6	95.4	96.1	96.2	96.4	96.4	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.7
≥ 1000	63.0	91.3	94.5	96.5	97.2	97.4	97.5	97.5	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 900	63.1	91.9	95.2	97.2	97.9	98.1	98.2	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 800	63.2	92.2	95.5	97.6	98.3	98.5	98.6	98.7	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 700	63.2	92.5	95.8	98.1	98.9	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 600	63.2	92.5	95.8	98.1	98.9	99.1	99.3	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 500	63.2	92.6	95.9	98.2	99.1	99.3	99.5	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	63.2	92.6	95.9	98.3	99.2	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	63.2	92.6	95.9	98.3	99.2	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	63.2	92.6	95.9	98.3	99.2	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	63.2	92.6	95.9	98.3	99.2	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
0	63.2	92.6	95.9	98.3	99.2	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

2877

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

SEP

YEARS

1200-1400
HOURS (EST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	59.6	80.0	81.6	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 20000	64.0	87.4	89.3	91.3	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 18000	64.9	87.0	89.5	91.4	91.7	91.7	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9
≥ 16000	65.1	88.0	89.7	91.7	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 14000	65.3	88.4	90.1	92.0	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 12000	66.2	89.5	91.2	93.2	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 10000	66.4	89.9	91.6	93.6	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 9000	66.7	90.3	92.0	94.0	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 8000	67.1	90.7	92.4	94.4	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 7000	67.2	90.9	92.6	94.6	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 6000	67.3	91.0	92.7	94.7	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 5000	67.6	91.3	93.0	95.0	95.2	95.2	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4
≥ 4500	67.6	91.3	93.0	95.0	95.2	95.2	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4
≥ 4000	67.9	91.6	93.3	95.2	95.5	95.5	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7
≥ 3500	68.2	91.8	93.5	95.5	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3000	68.9	92.6	94.3	96.3	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2500	69.9	93.6	95.3	97.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2000	70.8	94.5	96.4	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	71.0	94.9	96.6	98.5	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	71.5	95.3	97.0	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	71.6	95.6	97.3	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	71.6	95.6	97.4	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 900	71.6	95.6	97.4	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 800	71.7	95.7	97.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	71.7	95.7	97.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	71.7	95.7	97.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	71.7	95.7	97.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	71.7	95.7	97.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	71.7	95.7	97.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	71.7	95.7	97.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	71.7	95.7	97.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	71.7	95.7	97.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

2877

USAF ETAC FORM JUL-64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE INCOMPLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 SEP

STATION NAME YEARS MONTH

1500-1700
HOURS (EST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	72.1	85.1	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 20000	77.7	92.5	92.9	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 18000	77.9	92.8	93.2	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 16000	78.2	93.1	93.5	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 14000	78.8	93.8	94.2	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 12000	79.5	94.7	95.2	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 10000	79.8	95.2	95.6	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 9000	80.1	95.4	95.9	96.3	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 8000	80.4	95.9	96.4	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 7000	80.5	96.1	96.6	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 6000	80.7	96.2	96.7	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 5000	81.1	96.6	97.1	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 4500	81.2	96.7	97.2	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 4000	81.2	96.8	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3500	81.4	97.0	97.5	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3000	81.7	97.3	97.7	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2500	82.0	97.7	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000	82.7	98.5	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	82.9	98.7	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	82.9	98.7	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	83.1	98.9	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	83.2	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	83.2	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	83.2	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	83.2	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	83.2	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	83.2	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	83.2	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	83.2	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	83.2	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	83.2	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	83.2	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2873

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL STATION NAME

39-70

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	76.5	85.8	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 20000	81.1	91.7	92.1	92.2	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 18000	81.2	91.8	92.2	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 16000	81.5	92.4	92.9	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 14000	82.1	93.1	93.6	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 12000	83.0	94.0	94.5	94.7	94.7	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 10000	83.2	94.4	94.9	95.1	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 9000	83.3	94.5	95.0	95.2	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 8000	83.8	95.1	95.5	95.8	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 7000	84.1	95.4	95.9	96.1	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 6000	84.3	95.6	96.1	96.3	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 5000	84.5	95.9	96.3	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 4500	84.5	95.9	96.3	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 4000	84.7	96.0	96.5	96.7	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 3500	84.9	96.3	96.7	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3000	85.3	96.6	97.0	97.3	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2500	85.4	96.8	97.3	97.5	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	85.9	97.5	97.9	98.2	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	86.1	97.6	98.1	98.3	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	86.7	98.3	98.9	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	87.0	98.7	99.3	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	87.2	98.9	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	87.2	98.9	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	87.2	98.9	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	87.2	98.9	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	87.2	98.9	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	87.2	98.9	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	87.2	98.9	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	87.2	98.9	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	87.2	98.9	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	87.2	98.9	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≤ 0	87.2	98.9	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2875

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70 YEARS SEP
STATION STATION NAME MONTH
2100-2300 HOURS LISTED

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	76.9	85.8	86.2	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 20000	80.3	90.1	90.5	90.6	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 18000	80.5	90.3	90.8	90.8	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 16000	80.9	90.9	91.3	91.3	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 14000	81.4	91.4	91.8	91.9	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 12000	82.1	92.1	92.5	92.5	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 10000	82.2	92.3	92.7	92.7	92.8	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 9000	82.2	92.3	92.7	92.8	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 8000	82.4	92.5	92.9	92.9	93.0	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 7000	82.5	92.6	93.0	93.1	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 6000	82.7	92.6	93.2	93.2	93.3	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 5000	82.9	93.0	93.4	93.4	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4500	82.9	93.0	93.5	93.5	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4000	83.0	93.5	93.6	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3500	83.1	93.6	93.7	93.7	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3000	83.4	93.6	94.0	94.0	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500	83.9	94.1	94.5	94.5	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2000	84.8	95.2	95.6	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800	85.3	95.7	96.1	96.2	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500	86.6	97.1	97.5	97.6	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	87.8	98.3	98.8	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	88.1	98.7	99.2	99.2	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	88.2	98.8	99.3	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	88.3	98.9	99.4	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	88.3	99.0	99.5	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	88.4	99.0	99.5	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	88.4	99.0	99.5	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	88.4	99.0	99.5	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	88.4	99.0	99.5	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	88.4	99.0	99.5	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	88.4	99.0	99.5	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	88.4	99.0	99.5	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2876

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL STATION NAME

39-70

YEARS

JULY

0000-0200
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.3	67.4	68.7	69.5	70.3	70.3	71.0	71.1	71.1	71.4	71.5	71.5	71.9	71.9	72.3	72.4
≥ 20000	61.7	70.7	72.1	72.9	73.7	73.9	74.7	74.9	74.9	75.3	75.4	75.4	75.8	75.8	76.2	76.3
≥ 18000	61.7	70.8	72.2	73.0	73.7	74.0	74.8	74.9	75.0	75.4	75.4	75.8	75.9	76.3	76.4	
≥ 16000	62.1	71.2	72.6	73.4	74.1	74.4	75.2	75.3	75.4	75.8	75.8	76.2	76.3	76.7	76.8	
≥ 14000	62.5	71.7	73.1	73.9	74.7	74.9	75.7	75.9	75.9	76.3	76.4	76.4	76.8	76.8	77.2	77.3
≥ 12000	63.8	73.1	74.5	75.3	76.0	76.3	77.1	77.3	77.3	77.7	77.8	77.8	78.2	78.2	78.6	78.7
≥ 10000	64.2	73.8	75.3	76.0	76.8	77.0	77.9	78.0	78.1	78.5	78.5	78.5	78.9	79.0	79.4	79.5
≥ 9000	64.6	73.9	75.4	76.2	77.0	77.2	78.0	78.2	78.2	78.6	78.7	78.7	79.1	79.1	79.5	79.6
≥ 8000	65.0	74.5	76.0	76.8	77.6	77.8	78.6	78.8	78.8	79.2	79.3	79.3	79.7	79.7	80.1	80.2
≥ 7000	65.1	74.7	76.2	77.0	77.8	78.0	78.8	79.0	79.0	79.4	79.5	79.5	79.9	79.9	80.3	80.4
≥ 6000	65.3	74.9	76.5	77.3	78.1	78.3	79.1	79.3	79.3	79.7	79.8	79.8	80.2	80.2	80.6	80.7
≥ 5000	65.4	75.1	76.7	77.6	78.4	78.6	79.4	79.6	79.6	80.0	80.1	80.1	80.5	80.5	80.9	81.0
≥ 4500	65.7	75.3	77.0	77.8	78.7	78.9	79.7	79.9	79.9	80.3	80.4	80.4	80.8	80.8	81.2	81.3
≥ 4000	66.1	75.8	77.5	78.3	79.2	79.4	80.2	80.4	80.4	80.8	80.9	80.9	81.3	81.4	81.8	81.9
≥ 3500	66.4	76.1	77.8	78.6	79.5	79.7	80.5	80.7	80.7	81.1	81.2	81.2	81.6	81.7	82.1	82.2
≥ 3000	67.2	77.1	78.8	79.6	80.5	80.7	81.4	81.7	81.8	82.2	82.2	82.2	82.6	82.7	83.1	83.2
≥ 2500	68.3	78.4	80.0	80.9	81.9	82.1	82.9	83.1	83.1	83.5	83.6	83.6	84.0	84.0	84.4	84.5
≥ 2000	69.7	80.1	81.8	82.7	83.8	84.1	85.0	85.1	85.2	85.6	85.7	85.7	86.1	86.1	86.5	86.6
≥ 1800	70.5	81.3	83.0	84.0	85.1	85.3	86.2	86.4	86.4	86.8	86.9	86.9	87.3	87.3	87.7	87.8
≥ 1500	72.5	83.4	85.2	86.2	87.3	87.5	88.4	88.7	88.7	89.1	89.2	89.2	89.6	89.6	90.0	90.1
≥ 1200	73.9	85.4	87.3	88.3	89.5	89.8	90.7	91.0	91.0	91.4	91.5	91.5	91.9	91.9	92.3	92.4
≥ 1000	74.7	86.5	88.4	89.3	90.9	91.2	92.1	92.3	92.4	92.8	92.8	92.8	93.2	93.3	93.7	93.8
≥ 900	74.9	86.9	88.7	90.0	91.3	91.6	92.5	92.8	92.8	93.2	93.3	93.3	93.7	93.8	94.2	94.3
≥ 800	75.3	87.5	89.6	90.8	92.2	92.5	93.4	93.6	93.7	94.1	94.2	94.2	94.6	94.6	95.0	95.1
≥ 700	75.5	88.0	90.0	91.3	92.8	93.1	94.1	94.3	94.3	94.7	94.8	94.8	95.2	95.3	95.7	95.8
≥ 600	75.6	88.3	90.4	91.6	93.5	93.8	94.7	95.0	95.0	95.4	95.5	95.5	95.9	96.0	96.4	96.5
≥ 500	75.7	88.6	90.8	92.3	94.2	94.4	95.6	95.7	95.7	96.1	96.2	96.2	96.6	96.7	97.1	97.2
≥ 400	75.8	88.7	90.9	92.3	94.4	94.6	95.7	95.9	95.9	96.4	96.5	96.5	96.9	96.9	97.3	97.4
≥ 300	75.9	88.9	91.1	92.8	94.9	95.2	96.3	96.5	96.5	97.0	97.1	97.1	97.5	97.5	98.0	98.1
≥ 200	75.9	88.9	91.1	92.8	94.9	95.3	96.3	96.6	96.6	97.1	97.2	97.2	97.6	97.6	98.1	98.2
≥ 100	75.9	88.9	91.1	92.8	94.9	95.3	96.3	96.6	96.6	97.1	97.2	97.2	97.7	97.7	98.0	98.4
≥ 0	75.9	88.9	91.1	92.8	94.9	95.3	96.3	96.6	96.6	97.1	97.2	97.2	97.7	97.7	98.0	98.4

TOTAL NUMBER OF OBSERVATIONS

2976

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

YEARS

JCT
MONTH

0300-0500
HOURS (EST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅛	≥0	
NO CEILING ≥ 20000	52.7	60.1	61.5	62.3	63.6	63.7	64.2	64.6	64.7	65.6	65.8	65.9	66.2	66.3	67.0	67.8
	34.5	62.6	64.1	65.0	66.3	66.7	67.3	67.7	67.7	68.8	69.0	69.0	69.4	69.5	70.1	70.9
≥ 18000	54.6	62.7	64.2	65.1	66.5	66.8	67.4	67.8	67.9	68.9	69.1	69.1	69.5	69.6	70.3	71.1
≥ 16000	54.8	63.0	64.6	65.4	66.8	67.1	67.7	68.1	68.2	69.2	69.4	69.5	69.8	70.0	70.6	71.4
≥ 14000	55.4	63.8	65.4	66.2	67.6	67.9	68.5	68.9	69.0	70.0	70.2	70.6	70.7	71.4	72.2	
≥ 12000	56.6	65.2	66.7	67.6	69.0	69.3	69.9	70.3	70.4	71.4	71.6	72.0	72.1	72.8	73.6	
≥ 10000	57.1	65.8	67.3	68.2	69.6	69.9	70.5	70.9	71.0	72.0	72.2	72.6	72.7	73.4	74.2	
≥ 9000	57.2	65.9	67.5	68.3	69.7	70.0	70.6	71.0	71.1	72.1	72.3	72.6	72.7	72.9	73.5	74.3
≥ 8000	57.4	66.1	67.7	68.5	69.9	70.2	70.8	71.2	71.3	72.3	72.5	72.6	72.9	73.1	73.7	74.5
≥ 7000	57.8	66.5	68.0	68.9	70.2	70.6	71.2	71.6	71.6	72.7	72.9	72.9	73.3	73.4	74.0	74.8
≥ 6000	58.1	66.9	68.4	69.3	70.4	71.0	71.6	72.0	72.0	73.1	73.3	73.3	73.7	73.8	74.4	75.2
≥ 5000	58.5	67.3	68.9	69.8	71.2	71.6	72.2	72.6	72.7	73.7	73.9	73.9	74.3	74.4	75.0	75.8
≥ 4500	58.7	67.3	69.2	70.0	71.5	71.8	72.4	72.8	72.9	73.9	74.1	74.1	74.5	74.6	75.3	76.1
≥ 4000	59.2	69.1	69.7	70.6	72.0	72.4	73.0	73.4	73.5	74.5	74.7	74.7	75.1	75.2	75.8	76.7
≥ 3500	59.4	68.3	69.9	70.8	72.3	72.6	73.2	73.6	73.7	74.7	74.9	74.9	75.3	75.4	76.1	76.9
≥ 3000	60.3	69.4	71.0	71.8	73.3	73.7	74.3	74.7	74.7	75.7	76.0	76.0	76.4	76.5	77.1	77.9
≥ 2500	61.3	70.4	72.1	73.0	74.4	74.8	75.4	75.8	75.9	76.9	77.1	77.1	77.5	77.6	78.1	79.1
≥ 2000	63.1	72.6	74.3	75.2	76.7	77.1	77.7	78.1	78.2	79.2	79.4	79.5	79.9	80.0	80.6	81.5
≥ 1800	53.8	73.6	75.3	76.2	77.8	78.2	78.8	79.2	79.3	80.3	80.5	80.6	80.9	81.1	81.7	82.5
≥ 1500	65.6	75.4	77.2	78.1	79.9	80.3	81.0	81.5	81.5	82.6	82.8	82.8	83.2	83.3	84.0	84.8
≥ 1200	67.4	77.9	79.8	80.8	82.5	82.9	83.7	84.3	84.3	85.4	85.6	85.6	86.0	86.1	86.7	87.6
≥ 1000	68.3	79.5	81.8	82.7	84.6	85.0	85.8	86.3	86.4	87.5	87.7	87.7	88.1	88.2	88.8	89.7
≥ 900	68.7	80.1	82.5	83.6	85.5	85.9	86.7	87.3	87.3	88.4	88.6	88.6	89.0	89.1	89.7	90.6
≥ 800	69.3	81.1	83.6	84.8	86.9	87.3	88.1	88.6	88.7	89.7	89.9	89.9	90.3	90.4	91.1	91.9
≥ 700	69.8	81.9	84.4	85.6	87.7	88.2	89.0	89.5	89.6	90.6	90.9	90.9	91.3	91.4	92.1	92.9
≥ 600	70.0	82.5	85.1	86.4	88.5	89.1	89.9	90.4	90.5	91.6	91.8	91.8	92.2	92.4	93.0	93.8
≥ 500	70.2	82.8	85.5	86.7	89.1	89.7	90.5	91.1	91.2	92.3	92.5	92.5	92.9	93.0	93.7	94.5
≥ 400	70.4	82.9	85.7	87.1	89.6	90.3	91.3	91.9	92.0	93.0	93.2	93.3	93.7	93.8	94.5	95.3
≥ 300	70.4	83.1	85.9	87.6	90.2	91.0	92.1	92.8	92.9	94.0	94.2	94.3	94.7	94.9	95.5	96.3
≥ 200	70.4	83.1	85.9	87.7	90.4	91.2	92.5	93.2	93.3	94.6	94.9	94.9	95.4	95.5	96.2	97.0
≥ 100	70.4	83.1	85.9	87.7	90.4	91.2	92.5	93.2	93.4	94.8	95.2	95.3	96.0	96.1	96.9	97.8
≥ 0	70.4	83.1	85.9	87.7	90.4	91.2	92.5	93.3	93.4	94.8	95.3	95.3	96.2	96.3	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS

2973

USAF ETAC FORM 01-64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

JULY

YEARS

0600-0800
HOURS (EST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39.9	51.0	52.6	53.5	54.6	56.6	55.2	55.3	55.3	56.2	56.4	56.4	56.9	57.0	57.6	58.8
≥ 20000	42.0	54.9	56.6	58.0	59.2	59.3	60.0	60.7	60.2	61.2	61.5	61.3	62.1	62.2	62.4	64.1
≥ 18000	43.1	55.1	56.9	58.3	59.4	59.6	60.3	60.5	60.5	61.4	61.8	61.8	62.3	62.5	63.1	64.3
≥ 16000	43.2	55.3	57.0	58.5	59.6	59.8	60.5	60.7	60.7	61.6	62.0	62.0	62.5	62.7	63.3	64.5
≥ 14000	44.2	56.6	58.5	59.9	61.2	61.4	62.1	62.2	62.2	63.2	63.5	63.5	64.1	64.3	65.0	66.2
≥ 12000	45.6	58.6	60.4	62.0	63.2	63.4	64.1	64.3	64.3	65.3	65.7	65.7	66.3	66.4	67.1	68.3
≥ 10000	46.1	59.3	61.2	62.8	64.1	64.3	65.1	65.3	65.3	66.2	66.6	66.6	67.2	67.4	68.0	69.3
≥ 9000	46.2	59.4	61.4	63.0	64.3	64.3	65.3	65.5	65.5	66.4	66.8	66.8	67.4	67.5	68.2	69.4
≥ 8000	46.7	60.1	62.1	63.7	65.1	65.3	66.0	66.2	66.2	67.1	67.5	67.5	68.1	68.3	69.0	70.2
≥ 7000	47.0	60.4	62.4	64.0	65.4	65.6	66.3	66.5	66.5	67.5	67.8	67.8	68.5	68.6	69.3	70.5
≥ 6000	47.2	60.7	62.7	64.3	65.7	65.9	66.7	66.9	66.9	67.8	68.2	68.2	68.9	69.0	69.7	70.9
≥ 5000	47.7	61.2	63.2	65.0	66.4	66.6	67.4	67.6	67.6	68.5	68.9	68.9	69.6	69.7	70.4	71.6
≥ 4500	48.1	61.6	63.6	65.4	66.8	67.0	67.8	68.0	68.0	68.9	69.3	69.3	70.0	70.1	70.8	72.0
≥ 4000	48.4	62.2	64.2	66.0	67.4	67.6	68.4	68.6	68.6	69.5	69.9	69.9	70.6	70.7	71.4	72.6
≥ 3500	48.7	62.5	64.5	66.3	67.8	68.0	68.8	69.0	69.0	69.9	70.3	70.3	71.0	71.1	71.8	73.1
≥ 3000	49.6	63.6	65.7	67.5	69.0	69.2	69.9	70.2	70.2	71.1	71.9	71.9	72.2	72.3	73.1	74.3
≥ 2500	50.2	64.7	66.9	68.7	70.2	70.4	71.2	71.4	71.4	72.4	72.8	72.8	73.5	73.6	74.3	75.6
≥ 2000	51.5	66.4	68.5	70.4	72.0	72.2	73.0	73.3	73.3	74.2	74.6	74.6	75.3	75.4	76.1	77.4
≥ 1800	52.1	67.2	69.5	71.4	73.0	73.3	74.0	74.3	74.3	75.2	75.6	75.6	76.3	76.4	77.2	78.4
≥ 1500	53.6	69.3	71.7	73.7	75.6	75.8	76.6	76.9	76.9	77.9	78.3	78.3	79.0	79.1	79.8	81.1
≥ 1200	54.6	71.5	74.0	76.0	78.0	78.2	79.1	79.4	79.4	80.4	80.8	80.8	81.5	81.7	82.4	83.6
≥ 1000	55.4	72.8	75.5	77.8	79.9	80.3	81.3	81.7	81.8	82.8	83.2	83.2	83.9	84.0	84.7	86.1
≥ 900	55.7	73.7	76.5	79.1	81.3	81.7	82.7	83.2	83.2	84.2	84.6	84.6	85.3	85.5	86.2	87.4
≥ 800	55.9	74.5	77.5	80.3	82.3	83.0	84.1	84.6	84.7	85.7	86.1	86.1	86.8	86.9	87.6	88.8
≥ 700	56.1	75.0	78.2	81.2	83.5	83.9	85.2	85.7	85.8	86.8	87.2	87.2	87.9	88.0	88.7	90.0
≥ 600	56.1	75.6	78.9	82.0	84.4	84.7	86.3	86.9	87.0	88.1	88.5	88.5	89.2	89.3	90.1	91.3
≥ 500	56.2	76.0	79.4	82.6	85.2	85.8	87.4	88.0	88.1	89.2	89.7	89.7	90.4	90.6	91.3	92.5
≥ 400	56.3	76.1	79.5	82.7	85.6	86.3	88.0	88.7	88.9	90.1	90.5	90.5	91.4	91.6	92.3	93.6
≥ 300	56.3	76.2	79.6	83.0	86.0	86.8	88.5	89.3	89.3	90.9	91.3	91.3	92.3	92.7	93.5	94.9
≥ 200	56.9	76.2	79.6	83.1	86.2	87.0	88.6	89.8	89.8	90.0	91.8	92.4	92.4	94.0	94.4	95.6
≥ 100	56.3	76.2	79.6	83.1	86.2	87.0	88.8	89.8	89.8	91.8	92.4	92.5	94.1	94.6	96.0	100.0
≤ 0	56.3	76.2	79.6	83.1	86.2	87.0	88.8	89.8	89.8	91.8	92.4	92.5	94.1	94.6	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2976

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

YEARS

OCT

STATION

STATION NAME

0900-1100
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	38.7	54.8	58.0	60.2	61.6	61.7	62.1	62.2	62.2	62.4	62.4	62.4	62.5	62.5	62.5	62.5
≥ 18000	43.1	61.5	65.1	67.7	69.2	69.3	69.9	70.0	70.1	70.3	70.4	70.4	70.5	70.5	70.5	70.5
≥ 16000	43.2	61.7	65.4	68.0	69.4	69.6	70.1	70.3	70.3	70.6	70.7	70.7	70.7	70.7	70.7	70.7
≥ 14000	44.3	63.5	67.2	69.9	71.4	71.5	72.1	72.2	72.3	72.5	72.6	72.6	72.7	72.7	72.7	72.7
≥ 12000	45.7	65.4	69.1	72.0	73.4	73.6	74.1	74.3	74.3	74.6	74.7	74.7	74.7	74.7	74.7	74.7
≥ 10000	46.3	66.2	70.0	73.0	74.3	74.6	75.2	75.4	75.4	75.7	75.8	75.8	75.8	75.8	75.8	75.8
≥ 9000	46.5	66.6	70.5	73.4	74.9	75.1	75.6	75.8	75.8	76.1	76.2	76.2	76.3	76.3	76.3	76.3
≥ 8000	46.7	66.9	70.8	73.8	75.3	75.5	76.0	76.2	76.2	76.5	76.6	76.6	76.7	76.7	76.7	76.7
≥ 7000	46.9	67.2	71.1	74.1	75.6	75.8	76.3	76.5	76.5	76.8	76.9	76.9	77.0	77.0	77.0	77.0
≥ 6000	47.1	67.6	71.5	74.5	76.0	76.2	76.7	76.9	76.9	77.2	77.3	77.3	77.4	77.4	77.4	77.4
≥ 5000	47.7	68.2	72.2	75.3	76.8	76.9	77.5	77.6	77.7	77.9	78.0	78.0	78.1	78.1	78.1	78.1
≥ 4500	47.8	68.4	72.4	75.5	77.0	77.1	77.7	77.8	77.9	78.1	78.2	78.2	78.3	78.3	78.3	78.3
≥ 4000	48.1	68.9	73.1	76.2	77.7	77.8	78.4	78.6	78.6	78.9	79.0	79.0	79.1	79.1	79.1	79.1
≥ 3500	48.6	69.5	73.7	76.8	78.4	78.5	79.2	79.4	79.4	79.7	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3000	49.6	70.8	75.1	78.2	79.9	80.0	80.7	80.8	80.9	81.1	81.2	81.3	81.3	81.3	81.3	81.3
≥ 2500	50.9	72.5	76.8	80.1	81.8	81.9	82.6	82.6	82.6	83.1	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2000	52.5	75.0	79.4	83.0	84.7	84.9	85.6	85.8	85.9	86.1	86.2	86.2	86.3	86.3	86.3	86.3
≥ 1800	53.3	76.1	80.6	84.2	86.1	86.3	86.9	87.1	87.2	87.4	87.5	87.5	87.6	87.6	87.6	87.6
≥ 1500	54.3	77.9	82.6	86.3	88.2	88.4	89.1	89.4	89.4	89.7	89.8	89.8	89.9	89.9	89.9	89.9
≥ 1200	55.1	79.9	84.6	88.6	90.6	90.8	91.5	91.8	91.8	92.2	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1000	55.4	80.9	85.9	90.1	92.1	92.3	93.0	93.4	93.4	93.8	93.9	93.9	94.0	94.0	94.0	94.0
≥ 900	55.6	81.2	86.2	90.5	92.6	92.9	93.7	94.1	94.2	94.6	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	55.6	81.7	86.4	91.4	93.5	93.8	94.7	95.2	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8
≥ 700	55.7	82.0	87.3	91.9	94.1	94.4	95.3	95.8	95.9	96.3	96.4	96.4	96.5	96.5	96.5	96.5
≥ 600	55.7	82.1	87.3	92.3	94.6	94.9	95.9	96.5	96.5	97.0	97.1	97.1	97.2	97.2	97.2	97.2
≥ 500	55.7	82.2	87.7	92.6	95.1	95.6	96.6	97.2	97.3	97.9	98.0	98.0	98.1	98.1	98.1	98.1
≥ 400	55.7	82.2	87.7	92.7	95.3	95.7	96.9	97.6	97.7	98.4	98.5	98.5	98.6	98.6	98.6	98.6
≥ 300	55.7	82.2	87.7	92.7	95.3	95.7	96.9	97.8	97.8	98.6	98.8	98.9	99.0	99.0	99.1	99.1
≥ 200	55.7	82.2	87.7	92.7	95.3	95.7	96.9	97.8	97.8	98.6	98.8	99.0	99.0	99.2	99.2	99.4
≥ 100	55.7	82.2	87.7	92.7	95.3	95.7	96.9	97.8	97.8	98.6	98.8	99.1	99.1	99.4	99.4	99.7
≥ 0	55.7	82.2	87.7	92.7	95.3	95.7	96.9	97.8	97.8	98.6	98.8	99.1	99.1	99.4	99.4	99.7

TOTAL NUMBER OF OBSERVATIONS

2970

USAF ETAC FORM JUL-64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE INCOMPLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

29211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

OCT

YEARS

1200-1400
HOURS (EST.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¾	≥0
NO CEILING	47.4	62.6	66.0	68.8	69.8	69.9	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 20000	53.2	71.0	74.8	78.0	79.2	79.3	79.3	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 18000	53.5	71.5	75.4	78.5	79.7	79.8	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3
≥ 16000	53.8	72.0	75.9	79.0	80.2	80.3	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 14000	54.6	73.2	77.1	80.2	81.5	81.6	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 12000	55.3	74.5	78.5	81.7	82.9	83.0	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 10000	56.1	75.3	79.6	82.9	84.1	84.2	84.5	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7
≥ 9000	56.3	75.5	79.8	83.1	84.3	84.4	84.7	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 8000	56.5	75.8	80.0	83.4	84.6	84.7	85.0	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2
≥ 7000	56.9	76.1	80.4	83.8	85.0	85.1	85.4	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6
≥ 6000	57.2	76.5	80.7	84.1	85.4	85.5	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0
≥ 5000	57.5	77.0	81.3	84.7	86.1	86.2	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4500	57.6	77.2	81.6	84.9	86.3	86.5	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0
≥ 4000	58.1	77.9	82.4	85.8	87.2	87.3	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3500	58.9	78.9	83.5	86.9	88.3	88.5	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3000	59.8	80.1	84.7	88.1	89.6	89.8	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2500	61.5	82.4	87.1	90.5	92.1	92.2	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2000	63.3	84.9	89.8	93.3	94.9	95.1	95.4	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	63.5	85.5	90.3	94.0	95.6	95.7	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1500	63.9	86.4	91.4	95.1	96.8	96.9	97.2	97.4	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	64.3	87.3	92.3	96.2	98.0	98.1	98.5	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	64.6	87.3	92.4	96.3	98.2	98.3	98.7	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	64.4	87.3	92.4	96.3	98.2	98.3	98.7	98.9	98.9	99.0	99.2	99.3	99.3	99.3	99.3	99.3
≥ 800	64.4	87.4	92.4	96.4	98.4	98.5	99.0	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	64.6	87.4	92.4	96.4	98.4	98.5	99.0	99.2	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	64.4	87.4	92.4	96.4	98.4	98.6	99.1	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	64.4	87.4	92.5	96.5	98.4	98.6	99.1	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	64.4	87.4	92.5	96.5	98.4	98.6	99.1	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	64.4	87.4	92.5	96.5	98.4	98.6	99.1	99.4	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0
≥ 200	64.4	87.4	92.5	96.5	98.4	98.6	99.2	99.4	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	64.4	87.4	92.5	96.5	98.4	98.6	99.2	99.4	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	64.4	87.4	92.5	96.5	98.4	98.6	99.2	99.4	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _____

2976

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

HGT

1500-1700
HOURS LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	58.2	70.8	71.9	72.8	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 20000	64.5	79.2	80.5	81.8	82.5	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 18000	65.1	79.9	81.3	82.6	83.2	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 16000	66.1	80.9	82.3	83.6	84.2	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 14000	67.0	82.0	83.4	84.8	85.5	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 12000	68.3	83.3	84.8	86.2	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 10000	69.3	84.4	85.9	87.3	88.1	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 9000	69.4	84.6	85.6	87.0	87.5	88.2	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 8000	69.7	85.0	86.4	87.9	88.6	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 7000	70.1	85.5	86.9	88.4	89.2	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 6000	70.5	85.9	87.4	88.9	89.6	89.6	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 5000	71.0	86.5	88.0	89.5	90.3	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4500	71.3	86.8	88.4	89.9	90.7	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 4000	71.7	87.5	89.2	90.7	91.3	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3500	72.1	88.0	89.7	91.3	92.1	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 3000	72.9	89.0	90.7	92.4	93.2	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2500	74.0	90.3	92.1	93.7	94.6	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2000	75.3	92.3	94.1	95.8	96.7	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	75.4	92.6	94.3	96.1	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	75.7	93.1	94.9	96.7	97.6	97.7	96.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	76.1	93.5	95.3	97.2	98.2	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	76.1	93.8	95.7	97.6	98.7	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	76.2	93.9	95.8	97.7	98.9	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	76.2	93.9	95.8	97.9	99.0	99.1	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	76.2	93.9	95.8	97.9	99.1	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	76.2	93.9	95.8	97.9	99.1	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	76.2	93.9	95.8	97.9	99.1	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	76.2	93.9	95.8	97.9	99.1	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	76.2	93.9	95.8	97.9	99.1	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	76.2	93.9	95.8	97.9	99.1	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	76.2	93.9	95.8	97.9	99.1	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	76.2	93.9	95.8	97.9	99.1	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _____

2971

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

OCT

STATION NAME

YEARS

1000-2000

HOURS EST.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	66.3	76.1	77.5	78.5	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 20000	70.4	81.6	83.1	84.3	84.8	85.0	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 18000	70.7	81.9	83.4	84.6	85.1	85.3	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 16000	71.0	82.4	83.9	85.1	85.6	85.7	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 14000	71.8	83.2	84.7	85.9	86.5	86.6	86.7	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 12000	73.1	84.5	86.1	87.3	87.8	88.0	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 10000	74.2	85.6	87.4	88.6	89.2	89.3	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 9000	74.2	85.7	87.4	88.4	89.3	89.4	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 8000	74.5	86.1	87.8	89.0	89.6	89.8	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 7000	74.9	86.5	88.2	89.4	90.1	90.2	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 6000	75.2	87.0	88.7	89.9	90.6	90.7	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 5000	75.7	87.6	89.3	90.3	91.2	91.3	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4500	76.2	88.1	89.8	91.0	91.7	91.8	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 4000	76.3	88.3	90.0	91.3	91.9	92.0	92.1	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 35.0	76.7	88.7	90.4	91.7	92.3	92.4	92.5	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3000	77.2	89.3	91.1	92.3	93.0	93.1	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2500	77.7	89.9	91.7	92.9	93.6	93.7	93.9	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	78.7	91.5	93.4	94.7	95.3	95.5	95.6	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800	78.9	91.9	93.8	95.2	95.9	96.1	96.2	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500	79.3	92.4	94.4	95.7	96.5	96.6	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	79.9	93.1	95.2	96.5	97.5	97.7	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	79.9	93.4	95.5	96.8	97.9	98.1	98.5	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	80.0	93.5	95.6	97.0	98.2	98.3	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	80.1	93.6	95.8	97.2	98.5	98.7	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	80.1	93.7	95.9	97.4	98.7	98.9	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	80.1	93.7	95.9	97.4	98.7	98.9	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	80.1	93.7	95.9	97.6	98.7	99.0	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	80.1	93.7	95.9	97.5	98.7	99.0	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	80.1	93.7	95.9	97.5	98.7	99.0	99.5	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	80.1	93.7	95.9	97.5	98.7	99.0	99.5	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	80.1	93.7	95.9	97.5	98.7	99.0	99.5	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	80.1	93.7	95.9	97.3	98.7	99.0	99.5	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2975

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 STATION HAMILTON AFB CALIF/SAN RAFAEL 39-70 YEARS JCT MONTH
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 2100-2300
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING ≥ 20000	65.6	74.9	76.2	77.0	77.6	77.8	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.4
	68.6	78.9	80.2	81.0	81.7	82.0	82.2	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6
≥ 18000	58.8	79.0	80.4	81.2	81.8	82.2	82.4	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.9
≥ 16000	69.0	74.3	80.7	81.5	82.2	82.5	82.7	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1
≥ 14000	69.7	80.1	81.4	82.3	83.0	83.3	83.5	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.9	84.0	
≥ 12000	71.1	81.5	82.9	83.7	84.3	84.7	84.9	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.3	85.4	
≥ 10000	71.7	82.3	83.8	84.6	85.4	85.7	85.9	86.0	86.1	86.2	86.2	86.2	86.2	86.3	86.3	86.5	
≥ 9000	71.7	82.3	83.8	84.6	85.4	85.7	86.0	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.4	86.5	
≥ 8000	72.1	82.7	84.2	85.0	85.8	86.1	86.3	86.4	86.5	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.9
≥ 7000	72.4	83.0	84.5	85.3	86.1	86.4	86.6	86.7	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.2	
≥ 6000	72.7	83.4	84.9	85.7	86.5	86.8	87.0	87.1	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.6	
≥ 5000	72.9	83.6	85.2	86.0	86.8	87.1	87.4	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.8	87.9	
≥ 4500	73.4	84.1	85.7	86.6	87.3	87.7	87.9	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.3	88.4	
≥ 4000	73.9	84.7	86.4	87.2	87.9	88.3	88.5	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.9	88.9	
≥ 3500	74.3	85.2	86.8	87.6	88.4	88.7	89.0	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.4	89.5	
≥ 3000	74.6	85.6	87.3	88.1	88.9	89.3	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	
≥ 2500	75.0	86.2	87.8	88.6	89.6	89.9	90.1	90.2	90.3	90.4	90.4	90.4	90.4	90.5	90.5	90.7	
≥ 2000	76.5	88.1	89.8	90.7	91.6	91.9	92.2	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.6	92.7	
≥ 1800	77.3	89.0	90.7	91.6	92.6	93.0	93.2	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.6	93.7	
≥ 1500	78.4	90.4	92.1	93.2	94.2	94.3	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.2	95.3	
≥ 1200	79.1	91.4	93.4	94.6	95.7	96.0	96.2	96.3	96.4	96.5	96.5	96.5	96.5	96.6	96.6	96.8	
≥ 1000	79.7	92.1	94.1	95.4	96.5	96.9	97.2	97.3	97.3	97.5	97.5	97.5	97.5	97.6	97.6	97.8	
≥ 900	79.9	92.3	94.4	95.6	96.8	97.2	97.5	97.6	97.6	97.9	97.9	97.9	97.9	97.9	98.0	98.1	
≥ 800	80.0	92.6	94.8	96.2	97.4	97.6	98.2	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
≥ 700	80.1	92.7	94.9	96.5	97.7	98.1	98.5	98.6	98.7	98.9	98.9	98.9	98.9	98.9	99.0	99.1	
≥ 600	80.1	92.8	95.1	96.7	97.9	98.3	98.8	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.3	99.4	
≥ 500	80.1	93.0	95.3	96.9	98.1	98.5	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.6	
≥ 400	80.2	93.1	95.4	97.1	98.3	98.7	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.7	99.8	
≥ 300	80.2	93.1	95.4	97.1	98.3	98.7	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.8	
≥ 200	80.2	93.1	95.4	97.1	98.3	98.7	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.8	
≥ 100	80.2	93.1	95.4	97.1	98.3	98.7	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	
≥ 0	80.2	93.1	95.4	97.1	98.3	98.7	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

2968

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 19-70

YEARS

NOV

0000-0200
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅔	≥½	≥5/16	≥¼	≥0	
NO CEILING	39.0	50.2	52.5	55.1	57.6	57.9	58.9	59.2	59.2	60.3	60.4	60.5	60.8	61.0	61.5	62.1	
≥ 20000	57.0	54.5	58.2	60.0	62.0	63.0	64.0	64.4	64.4	65.6	65.7	65.8	66.2	66.4	67.0	67.5	
≥ 18000	42.3	54.8	58.4	60.2	62.8	63.2	64.2	64.6	64.6	65.8	65.9	66.0	66.4	66.6	67.2	67.8	
≥ 16000	42.7	55.3	58.7	60.8	63.4	63.8	64.8	65.2	65.2	66.3	66.3	66.4	67.0	67.2	67.7	68.3	
≥ 14000	43.3	56.2	59.9	61.9	64.5	64.9	65.9	66.3	66.3	67.5	67.7	67.7	68.1	68.3	68.9	69.5	
≥ 12000	43.9	57.3	61.3	63.5	66.1	66.6	67.6	68.0	68.0	69.1	69.3	69.4	69.8	70.0	70.5	71.2	
≥ 10000	45.1	58.9	62.9	65.0	67.8	68.2	69.2	69.6	69.6	70.7	70.9	71.0	71.4	71.6	72.2	72.6	
≥ 9000	45.6	59.5	63.4	65.6	68.3	68.8	69.8	70.2	70.2	71.4	71.6	71.6	72.1	72.3	72.8	73.5	
≥ 8000	46.4	60.3	64.2	66.5	69.3	69.8	70.8	71.2	71.2	72.4	72.6	72.6	73.0	73.2	73.8	74.4	
≥ 7000	47.0	60.9	64.9	67.2	70.0	70.5	71.5	71.9	71.9	73.1	73.2	73.2	73.7	73.9	74.3	75.1	
≥ 6000	47.7	61.8	65.8	68.1	70.9	71.3	72.3	72.7	72.7	73.9	74.1	74.2	74.6	74.8	75.4	76.0	
≥ 5000	48.2	62.3	66.3	68.6	71.4	72.0	73.0	73.3	73.3	74.6	74.7	74.8	75.2	75.4	76.0	76.6	
≥ 4500	48.5	62.7	66.7	69.0	71.9	72.4	73.4	73.8	73.8	75.0	75.2	75.2	75.6	75.9	76.4	77.0	
≥ 4000	48.8	63.2	67.5	69.8	72.8	73.3	74.3	74.7	74.7	75.9	76.1	76.2	76.6	76.8	77.3	78.0	
≥ 3500	49.1	63.7	67.9	70.3	73.3	73.9	74.9	75.3	75.3	76.5	76.7	76.8	77.2	77.4	77.9	78.6	
≥ 3000	50.2	65.1	69.4	71.9	74.9	75.4	76.5	76.9	76.9	78.1	78.2	78.3	78.7	78.9	79.5	80.1	
≥ 2500	51.4	66.5	70.8	73.3	76.4	76.9	77.9	78.4	78.4	79.5	79.7	79.8	80.2	80.4	81.0	81.6	
≥ 2000	52.6	68.5	73.0	75.6	78.8	79.4	80.5	80.9	80.9	82.1	82.3	82.4	82.9	83.1	83.6	84.3	
≥ 1800	53.2	69.2	73.9	76.5	79.9	80.5	81.6	82.0	82.0	83.3	83.4	83.5	84.0	84.2	84.7	85.4	
≥ 1500	54.3	71.0	75.8	78.5	82.0	82.6	83.8	84.3	84.3	85.6	85.7	85.8	86.3	86.5	87.1	87.7	
≥ 1200	55.2	72.4	77.3	80.1	82.6	84.5	85.7	86.2	86.2	87.5	87.7	87.8	88.3	88.5	89.1	89.7	
≥ 1000	55.6	73.2	78.2	81.0	85.3	86.0	87.3	87.8	87.8	89.2	89.4	89.4	89.9	90.1	90.7	91.3	
≥ 900	55.8	73.5	78.6	81.3	85.8	86.4	87.8	88.3	88.3	89.7	90.0	90.0	90.3	90.6	91.4	92.0	
≥ 800	55.9	73.9	79.0	81.6	86.3	87.0	88.5	89.0	89.0	90.4	90.7	90.7	91.2	91.5	92.1	92.7	
≥ 700	55.9	73.9	79.2	82.1	86.8	87.6	89.1	89.5	89.5	91.2	91.4	91.5	92.0	92.2	92.8	93.5	
≥ 600	55.9	74.1	79.4	82.3	87.2	87.9	89.7	90.2	90.2	91.9	92.2	92.3	92.8	93.0	93.6	94.3	
≥ 500	55.9	74.1	79.6	82.6	87.7	88.5	90.5	91.2	91.2	93.1	93.3	93.4	93.9	94.1	94.6	95.4	
≥ 400	55.9	74.2	79.7	82.7	88.0	89.0	91.1	91.8	91.8	93.9	93.8	94.1	94.2	94.7	94.9	95.3	
≥ 300	55.9	74.2	79.7	82.8	88.2	89.2	91.4	92.3	92.4	94.4	94.8	95.1	95.2	95.8	96.0	97.1	
≥ 200	55.9	74.2	79.7	82.8	88.2	89.2	91.4	92.3	92.4	94.4	94.8	95.1	95.2	95.8	96.7	97.6	
≥ 100	55.9	74.2	79.7	82.8	88.2	89.2	91.5	92.3	92.4	94.4	94.8	95.4	95.5	96.1	96.4	97.2	98.2
≥ 0	55.9	74.2	79.7	82.8	88.2	89.2	91.5	92.3	92.4	94.4	94.8	95.4	95.5	96.2	96.4	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS

2878

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

YEARS

NOV

0300-0500
HOURS LT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅔	≥½	≥5/16	≥¼	≥0
NO CEILING	35.1	43.6	46.5	47.7	50.5	51.0	52.1	52.4	52.7	53.8	54.1	54.2	54.7	54.8	56.0	57.3
≥ 20000	37.6	47.0	50.4	52.0	55.0	55.6	56.9	57.2	57.4	58.6	58.9	59.0	59.5	59.7	60.8	62.2
≥ 18000	37.7	47.3	50.7	52.2	55.3	55.8	57.1	57.4	57.7	58.8	59.2	59.2	59.7	59.9	61.1	62.5
≥ 16000	38.0	47.7	51.1	52.7	55.7	56.3	57.6	57.9	58.1	59.3	59.6	59.7	60.2	60.4	61.5	62.9
≥ 14000	38.3	46.3	51.7	53.4	56.5	57.1	58.4	58.7	58.9	60.2	60.5	60.6	61.1	61.3	62.4	63.8
≥ 12000	38.9	49.6	53.1	53.0	58.3	58.8	60.2	60.5	60.7	62.0	62.3	62.3	62.9	63.0	64.2	65.6
≥ 10000	39.8	50.7	54.3	56.2	59.5	60.1	61.5	61.9	62.1	63.4	63.7	63.8	64.3	65.6	67.0	
≥ 9000	40.3	51.3	54.8	56.8	60.1	60.7	62.1	62.5	62.7	64.1	64.4	64.4	65.0	65.2	66.3	67.7
≥ 8000	40.8	52.0	55.6	57.6	61.0	61.5	63.0	63.3	63.6	65.0	65.3	65.3	65.9	66.0	67.2	68.6
≥ 7000	41.2	52.6	56.2	58.2	61.6	62.1	63.6	63.9	64.2	65.6	65.9	66.0	66.5	66.7	67.8	69.2
≥ 6000	41.8	53.2	56.9	58.9	62.3	62.8	64.3	64.6	64.9	66.3	66.6	66.7	67.2	67.3	68.5	69.9
≥ 5000	42.4	54.2	57.8	59.9	63.3	63.8	65.3	65.6	65.9	67.2	67.6	67.6	68.1	68.3	69.5	70.9
≥ 4500	43.0	54.8	58.6	60.6	64.0	64.6	66.1	66.4	66.6	68.0	68.4	68.4	68.9	69.1	70.2	71.7
≥ 4000	43.5	55.4	59.2	61.3	64.7	65.3	66.8	67.1	67.3	68.7	69.1	69.1	69.6	69.8	71.0	72.4
≥ 3500	44.1	56.3	60.1	62.2	65.6	66.2	67.7	68.0	68.3	69.7	70.0	70.1	70.6	70.8	71.9	73.4
≥ 3000	45.3	57.8	61.6	63.8	67.3	67.9	69.4	69.7	70.0	71.3	71.7	71.7	72.2	72.4	73.6	75.0
≥ 2500	46.1	58.8	62.7	64.9	68.4	69.0	70.5	70.9	71.1	72.3	72.9	72.9	73.5	73.6	74.8	76.2
≥ 2000	47.7	61.0	65.2	67.5	71.4	72.0	73.6	73.9	74.2	75.6	76.0	76.0	76.6	76.8	78.0	79.4
≥ 1800	48.1	61.7	65.8	68.2	72.1	72.8	74.4	74.7	75.0	76.4	76.8	76.8	77.4	77.6	78.8	80.2
≥ 1500	49.4	63.3	67.8	70.5	74.8	75.4	77.2	77.6	77.8	79.3	79.7	79.7	80.4	80.5	81.7	83.2
≥ 1200	50.2	64.8	69.3	72.0	76.6	77.3	79.0	79.5	79.7	81.2	81.6	81.7	82.3	82.5	83.7	85.1
≥ 1000	50.6	65.5	70.0	72.8	77.9	78.6	80.5	81.0	81.2	82.8	83.2	83.3	84.0	84.1	85.3	86.7
≥ 900	50.9	65.9	70.4	73.4	78.6	79.3	81.3	81.8	82.1	83.8	84.2	84.2	84.9	85.1	86.3	87.7
≥ 800	50.9	66.3	70.9	73.9	79.2	79.9	82.0	82.6	82.9	84.5	84.9	85.0	85.8	86.0	87.1	88.6
≥ 700	51.0	66.4	71.2	74.4	79.9	80.3	82.6	83.2	83.5	85.2	85.7	85.7	86.6	86.7	87.9	89.3
≥ 600	51.2	66.3	71.6	74.7	80.3	81.1	83.4	84.0	84.3	86.0	86.5	86.5	87.4	87.5	88.0	90.2
≥ 500	51.2	66.8	71.6	74.9	80.7	81.6	84.1	84.8	85.1	87.0	87.4	87.5	88.4	88.6	89.9	91.3
≥ 400	51.2	66.8	71.7	75.0	81.2	82.1	84.8	85.7	86.0	88.1	88.5	88.5	89.5	89.8	91.1	92.6
≥ 300	51.2	66.8	71.7	75.1	81.3	82.4	85.1	86.0	86.4	88.7	89.2	89.3	90.4	90.6	92.0	93.5
≥ 200	51.2	66.9	71.8	75.1	81.5	82.5	85.3	86.3	86.7	88.7	89.3	89.6	90.1	91.3	91.6	93.1
≥ 100	51.2	66.9	71.8	75.1	81.5	82.5	85.3	86.3	86.7	88.7	89.3	89.6	90.1	91.6	92.1	93.1
≥ 0	51.2	66.9	71.8	75.1	81.5	82.5	85.3	86.3	86.7	88.7	89.3	89.6	90.1	91.6	92.1	93.1

TOTAL NUMBER OF OBSERVATIONS

2879

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

YEARS

NOV

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

HOURS (EST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.4	34.3	36.9	38.8	40.8	41.2	42.6	43.0	43.1	43.9	44.2	44.3	45.3	45.5	46.3	47.8
≥ 20000	30.7	39.0	41.7	44.1	46.3	47.0	48.6	49.0	49.2	50.3	50.7	50.9	52.0	52.2	53.2	54.9
≥ 18000	31.0	39.4	42.2	44.7	47.1	47.5	49.3	49.7	49.8	51.0	51.4	51.5	52.6	52.8	53.8	55.5
≥ 16000	31.2	39.8	42.3	45.0	47.3	48.0	49.7	50.1	50.3	51.4	51.8	51.9	53.1	53.3	54.3	56.0
≥ 14000	32.4	41.2	44.1	46.7	49.2	49.8	51.5	52.0	52.1	53.4	53.8	53.9	55.0	55.2	56.2	57.9
≥ 12000	33.1	42.2	45.2	48.0	50.7	51.3	52.0	53.5	53.6	54.9	55.4	55.5	56.6	56.8	57.8	59.6
≥ 10000	33.9	43.3	46.3	49.4	52.1	52.7	54.0	55.1	55.2	56.5	57.0	57.1	58.2	58.4	59.4	61.3
≥ 9000	34.2	43.6	46.8	49.8	52.7	53.3	55.1	55.6	55.8	57.1	57.5	57.6	58.8	59.0	60.0	61.8
≥ 8000	34.9	44.6	47.8	50.9	53.8	54.4	56.5	58.9	57.1	58.4	58.9	59.0	60.1	60.3	61.3	63.1
≥ 7000	35.2	45.1	48.4	51.6	54.5	55.1	57.1	57.6	57.7	59.1	59.5	59.6	60.8	61.0	62.0	63.8
≥ 6000	35.8	45.8	49.1	52.3	55.2	55.8	57.9	58.3	58.5	59.8	60.3	60.4	61.5	61.7	62.7	64.6
≥ 5000	36.4	46.7	49.9	53.2	56.1	56.7	58.8	59.3	59.4	60.8	61.3	61.4	62.5	62.7	63.7	65.5
≥ 4500	36.9	47.3	50.3	53.8	56.7	57.3	59.4	59.9	60.1	61.4	61.9	62.0	63.1	63.3	64.3	66.2
≥ 4000	37.5	48.0	51.3	54.6	57.6	58.2	60.3	60.7	60.9	62.3	62.7	62.9	64.0	64.2	65.2	67.1
≥ 3500	37.9	48.6	51.9	55.2	58.2	58.8	61.0	61.5	61.7	63.1	63.5	63.6	64.8	65.0	66.0	67.9
≥ 3000	39.0	50.1	53.4	56.8	59.8	60.5	62.0	63.1	63.3	64.7	65.1	65.3	66.4	66.6	67.6	69.5
≥ 2500	40.1	51.5	54.9	58.4	61.5	62.1	64.3	64.9	65.1	66.5	67.0	67.1	68.2	68.4	69.4	71.3
≥ 2000	41.0	53.9	56.9	60.6	64.0	64.8	67.1	67.6	67.9	69.4	69.8	69.9	71.1	71.3	72.3	74.2
≥ 1800	42.2	54.3	57.9	61.6	65.1	65.9	68.6	68.8	69.1	70.6	71.1	71.2	72.4	72.6	73.6	75.5
≥ 1500	43.2	55.9	59.7	63.7	67.6	68.4	70.7	71.5	71.8	73.3	73.8	73.9	75.1	75.3	76.3	78.2
≥ 1200	43.9	57.3	61.3	65.5	69.7	70.6	73.0	73.9	74.2	75.7	76.2	76.3	77.6	77.8	78.8	80.7
≥ 1000	44.3	58.2	62.2	66.7	71.3	72.3	74.7	75.7	75.9	77.5	78.1	78.2	79.4	79.6	80.6	82.5
≥ 900	44.5	59.7	62.9	67.6	72.4	73.5	76.0	77.0	77.3	78.9	79.4	79.5	80.8	81.0	82.0	83.9
≥ 800	44.7	59.2	63.4	68.4	73.3	74.3	77.0	78.0	78.3	80.1	80.6	80.7	82.0	82.2	83.2	85.1
≥ 700	44.8	59.4	63.7	68.9	73.9	75.0	77.8	78.9	79.2	81.1	81.7	81.8	83.1	83.3	84.3	86.3
≥ 600	44.8	59.5	63.9	69.1	74.3	75.4	78.3	79.3	79.8	81.9	82.5	82.6	84.0	84.2	85.2	87.1
≥ 500	44.9	59.8	64.1	69.5	74.9	76.0	79.3	80.6	80.9	83.3	83.7	84.0	85.6	85.8	86.9	88.9
≥ 400	44.9	59.9	64.3	69.8	75.3	76.6	80.2	81.6	81.9	84.7	85.3	85.4	87.0	87.2	88.4	90.4
≥ 300	44.9	59.9	64.3	69.8	75.5	76.8	80.6	82.2	82.6	85.0	86.0	86.9	88.8	89.2	90.7	93.6
≥ 200	44.9	59.9	64.3	69.8	73.5	76.8	80.6	82.2	82.6	86.2	86.2	87.1	87.3	89.4	89.8	91.6
≥ 100	44.9	59.9	64.3	69.8	73.5	76.8	80.6	82.2	82.6	86.2	87.1	87.3	89.3	89.9	91.8	95.2
≥ 0	44.9	59.9	64.3	69.8	73.5	76.8	80.6	82.2	82.6	86.2	87.1	87.3	89.3	89.9	91.8	100.0

TOTAL NUMBER OF OBSERVATIONS

2875

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

YEARS

AMV

0900-1100

HOURS (EST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	25.4	38.0	40.8	44.3	46.2	46.6	47.3	47.6	47.6	47.8	47.9	47.9	48.0	48.1	48.1	48.3
	29.4	44.4	48.0	52.7	55.0	55.5	56.3	56.7	56.7	57.1	57.3	57.3	57.4	57.5	57.5	57.8
≥ 18000	29.6	44.9	48.6	53.4	55.7	56.2	57.1	57.5	57.5	57.7	58.1	58.1	58.2	58.2	58.3	58.6
≥ 16000	29.9	45.2	49.0	54.0	56.3	56.9	57.8	58.2	58.2	58.6	58.8	58.8	58.9	58.9	59.0	59.3
≥ 14000	20.8	46.6	50.4	55.5	58.0	58.7	59.6	60.1	60.1	60.4	60.6	60.6	60.8	60.8	60.9	61.2
≥ 12000	31.6	47.9	51.8	56.9	59.7	60.5	61.4	61.9	61.9	62.3	62.5	62.5	62.7	62.7	62.7	63.0
≥ 10000	32.8	49.0	53.0	58.4	61.3	62.2	63.2	63.7	63.7	64.1	64.3	64.3	64.5	64.5	64.5	64.8
≥ 9000	32.9	49.2	53.2	58.7	61.6	62.3	63.5	64.0	64.0	64.4	64.6	64.6	64.8	64.8	64.8	65.2
≥ 8000	33.5	49.9	54.0	59.6	62.6	63.6	64.6	65.1	65.1	65.5	65.8	65.8	65.9	65.9	66.0	66.3
≥ 7000	33.7	50.2	54.4	60.0	63.0	64.0	65.0	65.5	65.5	66.0	66.2	66.2	66.3	66.3	66.4	66.7
≥ 6000	34.2	50.9	55.0	60.7	63.7	64.7	65.8	66.3	66.3	66.7	67.0	67.0	67.1	67.1	67.2	67.5
≥ 5000	34.4	51.1	55.4	61.1	64.2	65.3	66.4	66.9	66.9	67.3	67.6	67.6	67.7	67.7	67.8	68.1
≥ 4500	34.8	51.8	56.1	61.8	64.9	66.0	67.1	67.6	67.6	68.0	68.3	68.3	68.4	68.4	68.5	68.8
≥ 4000	35.4	52.6	57.0	62.9	65.9	67.0	68.2	68.7	68.7	69.2	69.4	69.4	69.5	69.5	69.6	69.9
≥ 3500	35.5	53.0	57.3	63.3	66.3	67.5	68.8	69.3	69.3	69.6	69.9	69.9	70.0	70.0	70.1	70.4
≥ 3000	37.1	54.8	59.2	65.2	68.3	69.5	70.8	71.3	71.3	71.7	72.0	72.0	72.1	72.1	72.2	72.5
≥ 2500	37.9	56.3	60.4	67.0	70.1	71.4	72.7	73.2	73.2	73.6	73.9	73.9	74.0	74.1	74.1	74.4
≥ 2000	39.3	58.9	63.7	70.2	73.5	74.8	76.2	76.8	76.8	77.3	77.6	77.6	77.7	77.7	77.8	78.1
≥ 1800	39.6	59.5	64.3	71.0	74.3	75.6	77.0	77.6	77.6	78.1	78.4	78.4	78.5	78.6	78.6	78.9
≥ 1500	40.2	60.7	65.8	72.6	76.0	77.4	78.8	79.4	79.4	80.0	80.2	80.2	80.4	80.5	80.5	80.9
≥ 1200	40.5	61.8	67.3	74.6	78.3	79.7	81.3	82.0	82.0	82.7	83.0	83.0	83.2	83.3	83.3	83.6
≥ 1000	40.7	62.8	68.4	76.2	80.0	81.6	83.0	84.1	84.2	84.9	85.2	85.2	85.4	85.5	85.6	85.9
≥ 900	40.8	63.3	69.0	77.1	81.8	82.8	84.8	85.8	85.8	86.7	87.0	87.0	87.2	87.3	87.4	87.7
≥ 800	40.8	63.6	69.4	77.7	81.9	83.6	84.6	86.6	86.7	87.7	88.1	88.1	88.3	88.4	88.5	88.7
≥ 700	40.8	63.8	69.6	78.2	82.5	84.3	86.3	87.5	87.6	88.3	89.2	89.2	89.3	89.3	89.4	89.9
≥ 600	40.8	64.0	69.9	78.7	83.1	85.0	87.1	88.4	88.4	89.6	90.3	90.3	90.6	90.7	90.8	91.1
≥ 500	40.9	64.1	70.0	79.0	83.7	85.7	88.2	89.9	89.9	90.0	91.8	92.2	92.3	92.6	92.7	93.1
≥ 400	40.9	64.1	70.0	79.0	83.8	85.9	88.6	90.6	90.6	92.8	93.2	93.2	93.7	93.7	93.9	94.2
≥ 300	40.9	64.1	70.0	79.0	84.0	86.0	89.0	91.2	91.3	94.1	94.7	94.8	95.5	95.5	95.9	96.4
≥ 200	40.9	64.1	70.0	79.0	84.0	86.0	89.0	91.2	91.3	94.2	94.9	95.1	96.0	96.1	96.6	97.5
≥ 100	40.9	64.1	70.0	79.0	84.0	86.0	89.0	91.2	91.3	94.2	95.0	95.1	96.1	96.2	96.8	98.5
≥ 0	40.9	64.1	70.0	79.0	84.0	86.0	89.0	91.2	91.3	94.2	95.0	95.1	96.2	96.3	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2879

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

NOV

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ ¼	≥ 0
NO CEILING	31.1	44.4	47.8	51.2	52.8	53.0	53.4	53.4	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 20000	36.3	52.9	57.3	61.9	63.7	64.1	64.5	64.5	64.6	64.6	64.9	64.9	65.0	65.0	65.0	65.0
≥ 18000	36.6	53.3	57.8	62.5	64.5	64.8	65.3	65.4	65.4	65.7	65.7	65.8	65.8	65.8	65.8	65.8
≥ 16000	36.9	53.7	58.2	63.0	65.1	65.4	65.9	66.0	66.0	66.3	66.3	66.3	66.3	66.4	66.4	66.4
≥ 14000	37.8	55.4	60.0	64.9	67.1	67.4	67.9	68.0	68.0	68.3	68.3	68.4	68.4	68.4	68.4	68.4
≥ 12000	38.3	56.4	61.1	66.4	68.9	69.3	69.9	70.0	70.0	70.2	70.3	70.3	70.3	70.4	70.4	70.4
≥ 10000	39.0	57.6	62.3	67.8	70.4	70.8	71.4	71.5	71.5	71.8	71.8	71.8	71.8	71.9	71.9	71.9
≥ 9000	39.1	58.0	62.8	68.3	70.9	71.3	71.9	72.0	72.0	72.2	72.3	72.3	72.3	72.4	72.4	72.4
≥ 8000	39.5	58.6	63.4	69.1	71.7	72.2	72.8	72.9	72.9	73.2	73.2	73.3	73.3	73.3	73.3	73.3
≥ 7000	39.9	59.2	64.0	69.7	72.4	72.9	73.5	73.6	73.6	73.9	73.9	74.0	74.0	74.0	74.1	74.1
≥ 6000	40.0	59.4	64.3	70.1	72.8	73.3	73.9	74.0	74.1	74.3	74.4	74.4	74.4	74.4	74.4	74.5
≥ 5000	40.5	60.1	65.0	70.9	73.6	74.1	74.7	74.9	74.9	75.2	75.2	75.2	75.2	75.3	75.3	75.3
≥ 4500	40.7	60.4	65.4	71.3	74.1	74.5	75.2	75.3	75.3	75.6	75.7	75.7	75.7	75.8	75.8	75.8
≥ 4000	41.8	61.5	66.4	72.5	75.2	75.7	76.4	76.5	76.6	76.8	76.9	76.9	76.9	77.0	77.0	77.0
≥ 3500	42.4	62.3	67.3	73.3	76.1	76.6	77.3	77.4	77.5	77.7	77.8	77.8	77.8	77.8	77.9	77.9
≥ 3000	44.3	64.6	69.6	75.7	78.5	79.0	79.7	79.8	79.8	80.1	80.1	80.2	80.2	80.2	80.2	80.2
≥ 2500	45.7	66.6	71.7	77.9	80.8	81.3	82.0	82.1	82.2	82.5	82.5	82.6	82.6	82.6	82.6	82.6
≥ 2000	47.3	69.5	74.9	81.3	84.2	84.9	85.7	85.8	85.8	86.9	86.2	86.3	86.3	86.3	86.3	86.3
≥ 1800	48.0	70.4	75.9	82.3	85.3	85.9	86.8	86.9	86.9	87.3	87.4	87.4	87.4	87.5	87.5	87.5
≥ 1500	48.6	71.8	77.4	84.0	87.9	87.6	88.6	88.7	88.7	89.3	89.3	89.4	89.5	89.5	89.5	89.5
≥ 1200	49.0	73.3	79.0	85.9	89.0	89.7	90.7	90.9	90.9	91.5	91.5	91.6	91.7	91.7	91.8	91.8
≥ 1000	49.0	74.1	80.1	87.4	90.7	91.6	92.8	93.0	93.1	93.7	93.7	93.8	93.9	93.9	94.0	94.0
≥ 900	49.1	74.3	80.4	88.0	91.6	92.4	93.7	94.0	94.1	94.8	94.9	94.9	95.0	95.0	95.1	95.1
≥ 800	49.3	74.6	80.8	88.6	92.3	93.2	94.3	94.9	95.0	95.9	95.9	95.9	96.1	96.1	96.1	96.1
≥ 700	49.3	74.8	81.0	89.2	92.9	93.9	95.6	95.8	96.0	97.0	97.2	97.2	97.3	97.4	97.4	97.4
≥ 600	49.3	74.9	81.1	89.3	93.2	94.2	95.9	96.3	96.5	97.6	97.7	97.8	97.9	98.0	98.0	98.0
≥ 500	49.3	74.9	81.1	89.3	93.3	94.4	96.1	96.7	96.9	98.2	98.4	98.4	98.6	98.6	98.7	98.7
≥ 400	49.3	74.9	81.1	89.4	93.4	94.4	96.2	96.9	97.1	98.5	98.9	98.9	99.2	99.2	99.2	99.2
≥ 300	49.3	74.9	81.1	89.4	93.4	94.4	96.2	96.9	97.1	98.7	99.1	99.2	99.5	99.5	99.6	99.7
≥ 200	49.3	74.9	81.1	89.4	93.4	94.4	96.2	96.9	97.1	98.7	99.1	99.2	99.5	99.5	99.7	99.8
≥ 100	49.3	74.9	81.1	89.4	93.4	94.4	96.2	96.9	97.1	98.7	99.1	99.2	99.5	99.5	99.7	99.9
≥ 0	49.3	74.9	81.1	89.4	93.4	94.4	96.2	96.9	97.1	98.7	99.1	99.2	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

2879

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

YEARS

NOV

1500-1700
HOURS (EST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥1/4	≥0
NO CEILING ≥ 20000	38.5	51.9	54.2	55.8	56.5	56.6	56.7	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 18000	45.2	61.5	64.5	66.7	67.6	67.8	68.0	68.2	68.3	68.4	68.4	68.4	68.5	68.5	68.5	68.5
≥ 16000	45.4	62.0	64.9	67.1	68.1	68.2	68.5	68.7	68.8	68.9	68.9	68.9	69.0	69.0	69.0	69.1
≥ 14000	45.7	62.6	65.5	67.9	68.6	69.0	69.3	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.8
≥ 12000	46.8	64.3	67.2	69.9	70.9	71.0	71.3	71.6	71.7	71.8	71.8	71.8	71.9	71.9	71.9	71.9
≥ 10000	47.9	65.9	68.9	71.7	72.9	73.0	73.5	73.7	73.8	74.0	74.0	74.0	74.1	74.1	74.1	74.1
≥ 9000	48.6	66.8	69.9	72.9	74.3	74.4	74.9	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.6
≥ 8000	48.8	67.2	70.3	73.3	74.7	74.9	75.3	75.6	75.7	75.9	75.9	75.9	75.9	75.9	75.9	76.0
≥ 7000	49.4	68.2	71.3	74.3	76.0	76.1	76.7	77.0	77.1	77.3	77.4	77.4	77.4	77.4	77.4	77.5
≥ 6000	49.8	63.7	71.8	75.0	76.5	76.6	77.1	77.3	77.6	77.8	77.8	77.8	77.9	77.9	77.9	77.9
≥ 5000	50.2	69.2	72.3	75.3	77.0	77.1	77.7	78.1	78.2	78.4	78.4	78.4	78.5	78.5	78.5	78.5
≥ 4500	51.3	70.6	73.9	77.2	78.7	78.5	79.4	79.8	79.9	80.1	80.1	80.1	80.2	80.2	80.2	80.2
≥ 4000	52.1	71.7	75.0	78.3	79.7	79.9	80.4	80.9	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.3
≥ 3500	52.9	72.5	75.8	79.1	80.6	80.8	81.3	81.7	81.8	82.0	82.0	82.0	82.1	82.1	82.1	82.1
≥ 3000	54.6	74.3	77.8	81.1	82.6	82.8	83.4	83.8	83.9	84.1	84.1	84.1	84.2	84.2	84.2	84.2
≥ 2500	55.7	76.3	79.9	83.4	84.9	85.1	85.8	86.2	86.3	86.5	86.5	86.5	86.6	86.6	86.6	86.6
≥ 2000	57.1	78.7	82.6	85.2	87.9	88.1	88.8	89.3	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.7
≥ 1800	57.5	79.1	83.0	86.7	88.4	88.6	89.3	89.8	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.2
≥ 1500	58.5	80.4	84.5	88.2	90.0	90.1	90.9	91.4	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.9
≥ 1200	58.9	81.4	83.6	89.6	91.3	91.7	92.6	93.1	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4
≥ 1000	59.0	82.2	86.6	90.9	92.6	93.2	94.1	94.6	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.4
≥ 900	59.0	82.3	86.7	91.0	93.2	93.5	94.5	95.3	95.4	95.8	95.8	95.8	95.9	95.9	95.9	96.0
≥ 800	59.1	82.5	87.1	91.5	93.7	94.1	95.3	96.1	96.2	96.7	96.8	96.8	96.9	96.9	96.9	96.9
≥ 700	59.2	83.0	87.7	92.2	94.4	94.8	96.1	97.0	97.1	97.6	97.7	97.7	97.9	97.9	97.9	98.0
≥ 600	59.2	83.0	87.7	92.2	94.5	95.0	96.3	97.2	97.3	97.9	98.1	98.1	98.2	98.3	98.3	98.4
≥ 500	59.2	83.0	87.7	92.3	94.7	95.1	96.5	97.5	97.6	98.4	98.7	98.7	99.1	99.2	99.2	99.2
≥ 400	59.2	83.0	87.7	92.3	94.7	95.1	96.7	97.7	97.8	98.7	99.1	99.3	99.5	99.5	99.6	99.7
≥ 300	59.2	83.0	87.7	92.3	94.8	95.2	96.7	97.8	97.9	98.9	99.3	99.3	99.7	99.7	99.8	99.9
≥ 200	59.2	83.0	87.7	92.3	94.8	95.2	96.7	97.8	97.9	98.9	99.3	99.3	99.7	99.7	99.8	99.9
≥ 100	59.2	83.0	87.7	92.3	94.8	95.2	96.7	97.8	97.9	98.9	99.3	99.3	99.7	99.7	99.8	99.9
0	59.2	83.0	87.7	92.3	94.8	95.2	96.7	97.8	97.9	98.9	99.3	99.3	99.7	99.7	99.8	99.9

TOTAL NUMBER OF OBSERVATIONS

2879

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

NOV

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-2000
HOURS EST.

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	40.3	57.3	60.0	61.0	62.4	62.5	62.9	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2
≥ 20000	51.2	63.7	66.6	68.0	69.7	69.9	70.2	70.3	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7
≥ 18000	51.5	64.2	67.3	68.6	70.3	70.5	70.9	70.9	70.9	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.4
≥ 16000	52.1	65.0	68.1	69.5	71.3	71.4	71.8	71.8	71.8	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.3
≥ 14000	52.7	65.9	69.1	70.6	72.3	72.7	73.1	73.1	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5
≥ 12000	53.5	67.2	70.7	72.4	74.4	74.6	75.0	75.1	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5
≥ 10000	54.7	66.8	72.4	74.2	76.3	76.4	76.9	77.0	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4
≥ 9000	55.1	69.2	72.8	74.7	76.7	76.9	77.4	77.4	77.4	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.9
≥ 8000	55.8	70.2	73.9	75.8	78.0	78.2	78.7	78.8	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.2
≥ 7000	56.3	70.7	74.4	76.4	78.6	78.8	79.4	79.4	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9
≥ 6000	56.9	71.6	75.1	77.3	79.6	79.8	80.4	80.5	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9
≥ 5000	57.9	72.7	76.5	78.4	80.8	81.0	81.6	81.7	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2
≥ 4500	58.4	73.4	77.2	79.1	81.4	81.6	82.2	82.3	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8
≥ 4000	59.2	74.3	78.2	80.1	82.5	82.7	83.3	83.4	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9
≥ 3500	59.8	75.1	79.0	80.9	83.3	83.5	84.1	84.2	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7
≥ 3000	60.9	76.4	80.3	82.3	84.7	84.9	85.5	85.6	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1
≥ 2500	62.1	78.0	81.9	84.0	86.3	86.5	87.2	87.3	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8
≥ 2000	62.7	80.0	84.1	86.1	88.5	88.8	89.4	89.5	89.5	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1
≥ 1800	64.1	80.5	84.7	86.7	89.1	89.4	90.2	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.8	90.8
≥ 1500	65.1	81.8	86.1	88.3	90.8	91.1	91.9	92.1	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.6	92.6
≥ 1200	65.4	82.7	87.1	89.5	92.3	92.6	93.3	93.8	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3
≥ 1000	69.9	83.5	88.1	90.7	93.7	94.0	94.9	95.3	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9
≥ 900	65.9	83.6	88.3	90.9	94.1	94.4	95.5	95.8	95.8	96.3	96.4	96.4	96.4	96.4	96.4	96.5	96.5
≥ 800	65.9	83.8	88.6	91.4	94.7	95.1	96.4	96.7	96.7	97.3	97.4	97.4	97.4	97.4	97.5	97.5	97.5
≥ 700	65.9	83.9	88.7	91.5	94.9	95.3	96.7	97.0	97.0	97.8	97.9	97.9	97.9	97.9	97.9	98.0	98.0
≥ 600	66.0	84.0	88.8	91.6	95.0	95.4	96.8	97.3	97.3	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2
≥ 500	66.0	84.0	88.9	91.7	95.4	95.8	97.2	97.7	97.7	98.6	98.8	98.8	98.8	98.8	98.8	98.9	98.9
≥ 400	66.0	84.1	89.0	91.8	95.5	95.9	97.4	97.9	97.9	98.8	99.0	99.1	99.1	99.1	99.2	99.2	99.2
≥ 300	66.0	84.1	89.0	91.8	95.5	95.9	97.4	97.9	97.9	98.9	99.2	99.3	99.3	99.3	99.4	99.4	99.4
≥ 200	66.0	84.1	89.0	91.8	95.5	95.9	97.4	98.0	98.0	98.9	99.3	99.3	99.3	99.3	99.4	99.5	99.5
≥ 100	66.0	84.1	89.0	91.8	95.5	95.9	97.4	98.0	98.0	98.9	99.3	99.3	99.3	99.3	99.4	99.5	99.7
≥ 0	66.0	84.1	89.0	91.8	95.5	95.9	97.4	98.0	98.0	98.9	99.3	99.3	99.3	99.3	99.4	99.5	99.7

TOTAL NUMBER OF OBSERVATIONS _____

2880

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

NOV

YEARS

2100-2300
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	45.6	57.8	60.4	61.7	63.7	63.9	64.4	64.4	64.5	64.8	64.9	64.9	65.1	65.1	65.2	65.5
	49.4	62.7	65.5	67.0	69.2	69.4	69.9	70.0	70.0	70.4	70.5	70.5	70.6	70.6	70.8	71.1
≥ 18000	49.6	63.1	55.9	67.4	69.6	69.7	70.3	70.4	70.4	70.8	70.9	70.9	71.0	71.0	71.2	71.4
≥ 16000	50.1	63.7	66.7	68.2	70.4	70.5	71.1	71.1	71.2	71.6	71.6	71.6	71.8	71.8	72.0	72.2
≥ 14000	50.5	64.4	67.3	69.2	71.4	71.5	72.1	72.1	72.2	72.6	72.6	72.6	72.8	72.8	73.0	73.2
≥ 12000	51.3	65.6	69.1	70.9	73.2	73.3	73.9	73.9	74.0	74.5	74.6	74.6	74.7	74.7	74.9	75.2
≥ 10000	52.4	67.0	70.5	72.5	74.7	74.9	75.5	75.5	75.6	76.1	76.2	76.2	76.3	76.3	76.5	76.8
≥ 9000	52.7	67.6	71.1	73.0	75.3	75.5	76.1	76.1	76.2	76.7	76.8	76.8	76.9	76.9	77.1	77.4
≥ 8000	53.1	68.0	71.6	73.6	76.0	76.1	76.7	76.8	76.8	77.4	77.4	77.4	77.6	77.6	77.8	78.0
≥ 7000	53.7	68.7	72.2	74.2	76.6	76.8	77.4	77.4	77.5	78.0	78.0	78.0	78.2	78.2	78.4	78.6
≥ 6000	54.5	69.5	73.1	73.1	77.0	77.7	78.3	78.4	78.4	78.9	79.0	79.0	79.1	79.1	79.3	79.6
≥ 5000	55.3	70.5	74.2	76.1	78.7	78.9	79.5	79.6	79.6	80.2	80.2	80.2	80.4	80.4	80.6	80.8
≥ 4500	55.6	71.0	74.6	76.6	79.2	79.3	80.0	80.1	80.1	80.6	80.7	80.7	80.8	80.8	81.0	81.3
≥ 4000	56.3	71.8	75.5	77.5	80.1	80.2	80.9	80.9	81.0	81.5	81.6	81.6	81.7	81.7	81.9	82.2
≥ 3500	56.9	72.3	76.2	73.2	80.4	80.9	81.6	81.7	81.7	82.2	82.3	82.3	82.5	82.5	82.7	82.9
≥ 3000	58.2	73.7	77.7	79.6	82.3	82.4	83.1	83.2	83.2	83.7	83.8	83.8	84.0	84.0	84.2	84.4
≥ 2500	59.2	75.2	79.1	81.0	83.7	83.9	84.6	84.7	84.8	85.3	85.3	85.3	85.5	85.5	85.7	86.0
≥ 2000	60.3	76.8	80.8	82.8	85.7	85.9	86.8	86.8	86.9	87.4	87.5	87.5	87.6	87.6	87.8	88.1
≥ 1800	60.7	77.3	81.3	83.4	86.4	86.9	87.4	87.5	87.5	88.1	88.1	88.1	88.3	88.3	88.5	88.7
≥ 1500	61.4	78.4	82.5	84.6	87.7	87.8	88.9	88.9	89.0	89.5	89.5	89.5	89.7	89.7	89.9	90.2
≥ 1200	62.2	79.6	83.9	85.1	89.3	89.5	90.5	90.6	90.6	91.1	91.2	91.2	91.4	91.4	91.6	91.8
≥ 1000	62.9	80.9	85.4	87.7	91.1	91.2	92.3	92.4	92.5	93.0	93.1	93.1	93.3	93.3	93.5	93.7
≥ 900	63.1	81.2	86.0	88.3	92.0	92.2	93.3	93.4	93.4	94.0	94.1	94.1	94.2	94.2	94.4	94.7
≥ 800	63.2	81.5	86.3	88.7	92.5	92.7	93.9	94.0	94.0	94.7	94.8	94.8	94.9	94.9	95.1	95.4
≥ 700	63.2	81.5	86.3	88.7	92.9	93.2	94.5	94.6	94.6	95.3	95.4	95.4	95.6	95.6	95.8	96.0
≥ 600	63.3	81.6	86.3	89.0	93.3	93.6	95.0	95.1	95.1	95.9	96.0	96.0	96.1	96.1	96.4	96.6
≥ 500	63.3	81.6	86.6	89.1	93.7	94.0	95.5	95.6	95.6	96.6	96.7	96.7	96.9	96.9	97.2	97.4
≥ 400	63.4	81.7	86.6	89.2	93.9	94.2	95.9	96.1	96.1	97.3	97.4	97.4	97.7	97.7	98.0	98.2
≥ 300	63.4	81.7	86.6	89.2	93.9	94.3	96.0	96.3	96.4	97.6	97.8	97.8	98.0	98.0	98.4	98.6
≥ 200	63.4	81.7	86.6	89.2	94.0	94.4	96.2	96.5	96.5	97.8	98.0	98.0	98.3	98.3	98.7	99.0
≥ 100	63.4	81.7	86.6	89.2	94.0	94.4	96.2	96.5	96.5	97.8	98.1	98.1	98.4	98.4	99.0	99.3
≥ 0	63.4	81.7	86.6	89.2	94.0	94.4	96.2	96.5	96.5	97.8	98.1	98.2	98.4	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS _____

2079

USAF ETAC FORM 014-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

DEC
MONTH

STATION STATION NAME YEARS

0000-0200
HOURS (EST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ ½	
NO CEILING	27.1	35.8	37.7	39.2	40.9	41.0	41.6	42.2	42.3	43.5	44.0	44.0	45.0	45.2	45.8	46.5
≥ 20000	28.6	38.4	40.5	42.4	44.2	44.5	45.2	45.8	45.8	47.1	47.6	47.6	48.7	48.9	49.5	50.2
≥ 18000	28.6	38.5	40.6	42.5	44.4	44.7	45.3	45.9	46.0	47.3	47.7	47.7	48.8	49.0	49.7	50.4
≥ 16000	28.8	38.7	40.8	42.7	44.6	44.9	45.6	46.2	46.2	47.5	48.0	48.0	49.1	49.3	49.9	50.7
≥ 14000	28.9	39.1	41.4	43.3	45.2	45.5	46.2	46.8	46.8	48.2	48.6	48.6	49.7	49.9	50.6	51.3
≥ 12000	29.4	40.2	42.6	44.6	46.7	47.0	47.6	48.2	48.3	49.6	50.0	50.1	51.2	51.3	52.0	52.7
≥ 10000	30.2	41.2	43.8	45.9	48.1	48.4	49.1	49.7	49.7	51.1	51.5	51.6	52.7	52.9	53.5	54.3
≥ 9000	30.4	41.6	44.2	46.3	48.5	48.8	49.5	50.1	50.2	51.5	52.0	52.0	53.1	53.3	54.0	54.8
≥ 8000	31.0	42.4	45.1	47.2	49.4	49.7	50.4	51.0	51.1	52.5	52.9	53.0	54.1	54.3	54.9	55.7
≥ 7000	31.4	43.0	45.9	48.1	50.4	50.7	51.4	52.0	52.1	53.4	53.9	53.9	55.0	55.2	55.9	56.7
≥ 6000	31.9	43.6	46.6	48.9	51.3	51.6	52.3	53.0	53.0	54.4	54.8	54.9	56.0	56.2	56.9	57.7
≥ 5000	32.1	43.6	46.0	50.3	52.6	53.1	53.8	54.5	54.6	55.9	56.4	56.5	57.6	57.8	58.4	59.2
≥ 4500	33.5	45.7	48.7	51.0	53.6	53.9	54.5	55.3	55.4	56.8	57.3	57.3	58.4	58.6	59.3	60.1
≥ 4000	34.3	46.7	49.8	52.2	54.7	55.0	55.6	56.5	56.5	57.9	58.4	58.4	59.5	59.8	60.5	61.3
≥ 3500	34.7	47.4	50.5	52.9	55.5	55.8	56.5	57.3	57.4	58.7	59.3	59.3	60.4	60.6	61.3	62.1
≥ 3000	35.7	48.7	52.2	54.6	57.3	57.6	58.4	59.2	59.2	60.6	61.1	61.2	62.3	62.5	63.2	64.0
≥ 2500	36.9	50.0	53.7	56.2	59.0	59.3	60.2	61.0	61.1	62.4	63.0	63.0	64.1	64.3	65.0	65.8
≥ 2000	38.7	52.6	56.3	58.9	62.0	62.4	63.3	64.2	64.3	65.7	66.2	66.3	67.4	67.6	68.3	69.1
≥ 1800	39.2	53.5	57.3	59.9	63.0	63.5	64.5	65.4	65.5	66.9	67.5	67.6	68.7	68.9	69.8	70.4
≥ 1500	39.9	55.2	59.2	62.2	65.9	66.3	67.4	68.4	68.5	70.0	70.6	70.6	71.8	72.0	72.7	73.5
≥ 1200	40.6	57.0	61.4	64.7	68.9	69.4	70.6	71.8	71.9	73.5	74.2	74.2	75.4	75.6	76.3	77.1
≥ 1000	41.1	57.7	62.5	65.9	70.4	71.1	72.5	73.6	73.7	75.5	76.1	76.2	77.3	77.5	78.3	79.1
≥ 900	41.2	57.9	62.8	66.4	71.5	72.2	73.5	74.7	74.8	76.7	77.4	77.4	78.6	78.8	79.6	80.4
≥ 800	41.3	58.1	63.2	66.9	72.5	73.3	74.7	76.0	76.1	78.1	78.8	78.9	80.0	80.2	81.0	81.8
≥ 700	41.3	58.3	63.7	67.5	73.8	74.8	76.3	77.7	77.8	80.1	80.9	80.9	82.0	82.3	83.0	83.8
≥ 600	41.3	58.5	64.1	67.9	75.1	76.2	78.2	79.8	79.9	82.3	83.2	83.2	84.4	84.7	85.4	86.2
≥ 500	41.4	58.7	64.4	68.3	76.2	77.3	78.2	80.2	82.0	82.1	84.8	85.7	86.9	87.2	88.0	88.6
≥ 400	41.4	58.7	64.5	68.6	76.4	78.6	82.0	84.2	84.3	87.3	88.3	88.4	89.6	89.8	90.6	91.4
≥ 300	41.4	58.7	64.5	68.7	77.8	79.0	82.6	85.1	85.4	88.8	89.8	89.8	91.1	91.4	92.2	93.0
≥ 200	41.4	58.7	64.6	68.7	77.4	79.3	82.9	85.6	86.1	89.8	90.9	91.0	92.2	92.8	93.7	94.8
≥ 100	41.4	58.7	64.6	68.7	77.5	79.4	83.1	85.7	86.2	89.9	91.2	91.3	92.9	93.2	94.6	95.6
≥ 0	41.4	58.7	64.6	68.7	77.5	79.4	83.1	85.8	86.2	90.0	91.3	91.4	93.1	93.4	95.1	100.0

TOTAL NUMBER OF OBSERVATIONS _____

2974

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (EST)

DATA PROCESSING DIVISION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ ½	
NO CEILING	24.9	31.3	33.4	34.6	35.4	36.1	37.4	37.8	37.9	39.3	39.8	39.9	40.7	40.8	42.3	43.4
≥ 20000	27.1	34.5	36.7	38.1	39.6	39.8	41.1	41.6	41.7	43.2	43.8	43.8	44.8	44.9	46.4	47.5
≥ 18000	27.1	34.5	36.7	38.1	39.6	39.8	41.2	41.7	41.8	43.2	43.8	43.9	44.8	45.0	46.5	47.5
≥ 16000	27.2	34.7	36.9	38.3	39.9	40.1	41.4	41.9	42.0	43.5	44.1	44.1	45.1	45.2	46.7	47.8
≥ 14000	27.3	35.1	37.3	38.8	40.4	40.6	41.9	42.4	42.5	44.0	44.6	44.7	45.6	45.7	47.2	48.3
≥ 12000	27.6	35.6	38.1	39.3	41.3	41.5	42.8	43.3	43.4	44.9	45.5	45.6	46.5	46.6	48.2	49.2
≥ 10000	28.0	36.4	38.9	40.5	42.4	42.6	43.9	44.5	44.6	46.1	46.7	46.7	47.6	47.8	49.3	50.4
≥ 9000	28.2	36.7	39.3	40.8	42.6	43.0	44.4	44.9	45.0	46.5	47.1	47.1	48.0	48.2	49.7	50.8
≥ 8000	28.9	37.3	40.0	41.6	43.6	43.8	45.1	45.6	45.7	47.2	47.8	47.8	48.8	49.0	50.5	51.6
≥ 7000	29.3	37.9	40.6	42.2	44.4	44.6	45.9	46.4	46.5	48.0	48.7	48.7	49.6	49.8	51.3	52.4
≥ 6000	29.8	38.6	41.4	43.0	45.2	45.4	46.7	47.2	47.3	48.9	49.5	49.5	50.4	50.6	52.2	53.2
≥ 5000	30.9	39.8	42.7	44.4	46.7	46.9	48.2	48.8	48.9	50.4	51.0	51.0	52.0	52.2	53.7	54.7
≥ 4500	31.2	40.2	43.1	44.9	47.2	47.5	48.9	49.5	49.6	51.1	51.7	51.7	52.7	52.9	54.4	55.5
≥ 4000	31.7	41.3	44.5	46.2	48.7	49.0	50.4	50.9	51.0	52.6	53.2	53.2	54.2	54.4	55.9	57.0
≥ 3500	32.3	42.2	43.5	47.3	49.5	50.1	51.5	52.1	52.2	53.7	54.3	54.3	55.3	55.3	57.0	58.1
≥ 3000	33.7	43.8	47.4	49.3	51.9	52.2	53.9	54.4	54.5	56.2	56.8	56.8	57.8	58.0	59.5	60.6
≥ 2500	34.9	45.2	48.8	50.8	53.7	54.1	55.7	56.3	56.4	58.0	58.6	58.7	59.7	59.9	61.4	62.4
≥ 2000	36.4	47.4	51.0	52.1	56.3	56.8	58.5	59.2	59.3	61.1	61.7	61.7	62.7	62.9	64.4	65.5
≥ 1800	36.9	48.1	51.6	53.9	57.2	57.7	59.5	60.2	60.4	62.1	62.7	62.7	63.7	63.9	65.4	66.5
≥ 1500	37.8	49.4	53.4	55.7	59.3	59.8	61.9	62.9	63.1	64.9	65.5	65.6	66.6	66.8	68.3	69.4
≥ 1200	38.5	50.9	53.3	58.2	62.4	62.9	65.0	66.1	66.3	68.3	68.9	69.0	70.0	70.2	71.8	72.8
≥ 1000	39.0	51.7	56.9	59.6	64.3	64.9	67.1	68.3	68.5	70.6	71.3	71.3	72.4	72.6	74.1	75.2
≥ 900	39.3	52.2	57.3	60.4	65.6	66.2	68.6	69.8	70.0	72.3	73.0	73.0	74.1	74.3	75.9	76.9
≥ 800	34.5	52.7	57.9	61.2	66.8	67.5	70.1	71.4	71.6	74.0	74.7	74.8	76.0	76.3	77.7	78.7
≥ 700	39.6	52.9	58.2	61.6	68.1	68.9	71.8	73.2	73.5	76.5	77.2	77.3	78.4	78.6	80.1	81.2
≥ 600	39.7	53.2	58.5	62.1	69.2	70.2	73.5	75.1	75.4	78.5	79.3	79.4	80.6	80.8	82.3	83.4
≥ 500	39.7	53.3	58.8	62.5	70.0	71.3	75.7	77.7	78.0	81.3	82.1	82.2	83.5	83.7	85.3	86.4
≥ 400	39.7	53.3	58.8	62.5	70.7	72.7	77.6	80.2	80.5	83.9	84.7	84.8	86.1	86.3	88.0	89.0
≥ 300	39.7	53.3	58.9	62.7	71.4	73.5	78.6	81.8	82.2	86.0	86.8	86.9	88.6	88.9	90.6	91.7
≥ 200	39.7	53.3	58.9	62.7	71.4	73.5	78.8	82.2	82.7	87.0	87.8	88.0	90.0	90.2	92.0	93.4
≥ 100	39.7	53.3	58.9	62.7	71.5	73.6	78.9	82.3	82.8	87.2	88.1	88.3	90.6	91.0	92.9	94.9
≥ 0	39.7	53.3	58.9	62.7	71.5	73.6	78.9	82.3	82.8	87.2	88.1	88.3	90.8	91.2	93.5	100.0

TOTAL NUMBER OF OBSERVATIONS

2974

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

JFC

YEARS

0600-0800
HOURS (EST.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/4	≥0
NO CEILING	21.4	26.7	28.2	29.2	30.8	31.0	31.6	32.2	32.4	33.5	33.9	34.0	34.6	34.8	35.9	37.1
≥ 20000	23.5	29.7	31.5	32.8	34.9	35.0	35.9	36.6	36.7	38.1	38.6	38.6	39.5	39.7	40.0	42.0
≥ 18000	23.6	29.8	31.6	32.9	35.0	35.2	36.0	36.7	36.9	38.2	38.7	38.8	39.7	39.9	41.0	42.2
≥ 16000	23.9	30.1	32.1	33.4	35.6	35.8	36.6	37.3	37.5	38.9	39.4	39.4	40.3	40.5	41.7	42.4
≥ 14000	24.2	30.5	32.7	34.0	36.3	36.4	37.3	38.0	38.1	39.6	40.0	40.1	41.0	41.2	42.3	43.3
≥ 12000	24.7	31.4	33.5	34.9	37.3	37.5	38.4	39.2	39.3	40.3	41.3	41.4	42.3	42.7	43.7	44.8
≥ 10000	25.3	32.4	34.5	36.0	38.6	38.8	39.7	40.5	40.6	42.2	42.7	42.8	43.7	43.9	45.0	46.2
≥ 9000	25.6	32.7	34.8	36.4	39.0	39.2	40.2	40.9	41.0	42.6	43.1	43.2	44.1	44.3	45.4	46.7
≥ 8000	25.9	33.3	35.4	37.0	39.7	39.9	40.9	41.7	41.8	43.4	43.9	44.0	44.9	45.1	46.3	47.5
≥ 7000	26.3	34.1	36.3	37.8	40.5	40.8	41.8	42.6	42.7	44.3	44.8	44.9	45.8	46.0	47.2	48.4
≥ 6000	26.7	34.5	36.7	38.3	41.0	41.3	42.2	43.1	43.2	44.8	45.3	45.4	46.3	46.5	47.7	48.9
≥ 5000	27.5	35.3	37.9	39.6	42.3	42.5	43.5	44.3	44.5	46.1	46.6	46.7	47.6	47.8	49.0	50.2
≥ 4500	28.0	36.1	38.5	40.2	43.0	43.2	44.3	45.1	45.2	46.9	47.4	47.5	48.4	48.6	49.8	51.0
≥ 4000	28.6	37.1	39.7	41.5	44.4	44.7	45.8	46.6	46.7	48.5	49.0	49.0	49.9	50.2	51.4	52.6
≥ 3500	29.2	37.8	40.4	42.3	45.3	45.6	46.7	47.6	47.7	49.5	50.0	50.1	51.0	51.2	52.4	53.6
≥ 3000	30.0	39.1	41.9	44.0	47.1	47.4	48.5	49.4	49.6	51.4	51.9	52.0	52.9	53.1	54.3	55.5
≥ 2500	30.9	40.6	43.6	45.7	49.1	49.4	50.6	51.5	51.7	53.5	54.0	54.1	55.0	55.3	56.5	57.7
≥ 2000	32.3	42.3	43.7	48.2	52.1	52.5	54.1	55.1	55.2	57.2	57.7	57.8	58.7	59.0	60.2	61.4
≥ 1800	32.6	43.2	46.4	49.0	52.9	53.3	54.9	55.9	56.1	58.1	58.6	58.7	59.7	59.9	61.2	62.4
≥ 1500	33.3	44.6	48.0	50.8	55.0	55.4	57.1	58.3	58.5	60.7	61.3	61.4	62.3	62.5	63.8	65.1
≥ 1200	33.7	46.0	49.9	53.1	57.7	58.3	60.1	61.4	61.5	64.0	64.5	64.6	65.6	65.8	67.1	68.4
≥ 1000	34.2	47.1	51.4	55.1	60.2	60.9	63.0	64.4	64.6	67.3	67.9	68.0	69.0	69.3	70.5	71.8
≥ 900	34.6	47.7	52.1	55.0	61.5	62.2	64.3	65.8	66.0	68.9	69.6	69.7	70.7	70.9	72.2	73.5
≥ 800	34.7	48.2	52.7	56.8	62.8	63.0	66.2	68.0	68.4	71.5	72.2	72.3	73.3	73.6	74.9	76.2
≥ 700	34.8	48.6	53.2	57.9	64.3	65.2	68.2	70.2	70.3	73.9	74.6	74.7	75.7	76.0	77.3	78.7
≥ 600	34.8	48.7	53.3	58.3	65.2	66.2	69.7	71.8	72.2	75.8	76.6	76.7	77.9	78.1	79.4	80.8
≥ 500	34.8	48.8	53.5	58.9	66.5	67.8	72.0	74.7	75.2	79.0	80.0	80.1	81.4	81.6	83.0	84.4
≥ 400	34.8	48.8	53.7	59.2	67.4	69.1	74.0	77.3	77.8	82.2	83.3	83.5	84.6	85.0	86.5	88.0
≥ 300	34.8	48.9	53.8	59.3	67.8	69.3	74.8	78.6	79.2	83.8	85.0	85.3	86.9	87.2	88.8	90.5
≥ 200	34.8	48.9	53.8	59.3	67.8	69.6	75.0	78.9	79.5	84.5	85.9	86.3	88.2	88.5	90.3	92.3
≥ 100	34.8	48.9	53.8	59.3	67.8	69.6	75.0	78.9	79.5	84.7	86.2	86.6	88.6	89.1	91.2	94.1
≥ 0	34.8	48.9	53.8	59.3	67.8	69.6	75.0	78.9	79.5	84.7	86.2	86.6	88.8	89.4	91.9	100.0

TOTAL NUMBER OF OBSERVATIONS

2973

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

22211 HAMILTON AFB CALIF/SAN RAFAEL 19-70 YRS JULY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅔	≥½	≥5/16	≥¼	≥0
NO CEILING	20.2	27.6	29.6	31.7	33.6	34.0	34.8	35.3	35.4	35.6	35.8	35.8	35.8	35.8	36.0	36.4
≥ 20000	23.2	32.1	34.6	37.0	39.3	39.9	40.8	41.5	41.6	41.8	42.0	42.0	42.1	42.1	42.4	42.8
≥ 18000	23.3	32.4	35.0	37.5	40.0	40.5	41.4	42.0	42.2	42.4	42.6	42.6	42.7	42.7	43.0	43.4
≥ 16000	23.5	32.9	35.6	38.1	40.6	41.1	42.0	42.7	42.8	42.9	43.2	43.2	43.4	43.7	44.1	
≥ 14000	24.1	33.9	36.9	39.4	42.0	42.5	43.4	44.1	44.2	44.5	44.6	44.6	44.7	44.8	45.0	45.5
≥ 12000	25.0	35.3	38.4	40.9	43.8	44.3	45.4	46.1	46.3	46.6	46.8	46.8	46.9	47.0	47.2	47.7
≥ 10000	25.4	36.0	39.1	41.8	44.7	45.4	46.4	47.2	47.3	47.8	47.9	47.9	48.1	48.1	48.4	48.8
≥ 9000	25.7	36.3	39.5	42.2	45.1	45.8	46.9	47.6	47.8	48.2	48.4	48.4	48.5	48.5	48.8	49.3
≥ 8000	26.2	37.2	40.4	43.3	46.3	46.9	48.0	48.8	48.9	49.4	49.6	49.6	49.6	49.7	49.7	50.5
≥ 7000	26.4	37.5	40.8	43.8	46.8	47.4	48.5	49.3	49.4	49.9	50.1	50.1	50.3	50.3	50.6	51.1
≥ 6000	26.7	38.2	41.5	44.6	47.6	48.3	49.4	50.2	50.3	50.8	51.0	51.0	51.1	51.2	51.5	51.9
≥ 5000	27.1	38.9	42.2	45.5	48.6	49.3	50.3	51.2	51.4	51.9	52.1	52.1	52.2	52.2	52.5	53.0
≥ 4500	27.5	39.3	42.6	45.9	49.1	49.8	51.0	51.8	51.9	52.4	52.6	52.6	52.8	52.8	53.1	53.6
≥ 4000	28.0	40.3	43.8	47.1	50.3	51.0	52.3	52.1	53.2	53.8	54.0	54.0	54.2	54.2	54.5	55.0
≥ 3500	28.4	40.9	44.4	47.8	51.1	51.8	53.0	53.9	54.0	54.6	54.8	54.8	55.0	55.0	55.3	55.8
≥ 3000	28.9	41.8	45.5	48.7	52.4	53.1	54.4	55.3	55.5	56.1	56.3	56.3	56.5	56.5	56.8	57.3
≥ 2500	30.0	43.5	47.3	51.0	54.6	55.4	56.6	57.6	57.8	58.5	58.7	58.7	58.9	58.9	59.2	59.7
≥ 2000	31.2	45.8	49.6	53.7	57.5	58.3	59.9	61.1	61.3	62.1	62.3	62.3	62.5	62.6	62.9	63.3
≥ 1800	31.4	46.3	50.1	54.2	58.0	58.9	60.4	61.6	61.8	62.6	62.8	62.8	63.1	63.1	63.4	63.9
≥ 1500	31.7	47.5	51.5	55.9	59.9	60.8	62.7	64.0	64.2	65.0	65.3	65.3	65.5	65.5	65.8	66.3
≥ 1200	32.3	49.2	53.6	58.5	63.1	64.1	66.2	67.7	67.9	69.0	69.3	69.3	69.6	69.6	69.9	70.4
≥ 1000	32.3	49.9	54.6	60.3	63.5	66.7	69.1	70.8	71.1	72.4	72.8	72.8	73.0	73.0	73.3	73.8
≥ 900	32.5	50.3	55.1	61.1	66.6	67.9	70.5	72.2	72.6	74.1	74.4	74.4	74.7	74.8	75.1	75.5
≥ 800	32.6	50.9	55.9	62.5	68.4	69.8	72.7	74.8	75.2	76.8	77.3	77.3	77.6	77.6	77.9	78.4
≥ 700	32.6	51.3	56.7	63.8	70.3	71.8	75.5	77.8	78.3	80.2	80.7	80.7	81.1	81.1	81.4	81.9
≥ 500	32.6	51.7	57.2	64.7	71.6	73.5	77.7	80.7	81.3	83.5	84.1	84.2	84.6	84.6	84.9	85.4
≥ 400	32.6	51.9	57.6	65.5	73.0	73.3	80.4	83.6	84.4	87.1	87.8	87.9	88.4	88.4	88.8	89.3
≥ 300	32.6	52.0	57.7	65.7	73.4	76.1	81.7	85.4	86.3	89.3	90.3	90.5	91.1	91.3	91.7	92.3
≥ 200	32.6	52.0	57.7	65.8	73.6	76.3	82.2	86.4	87.4	91.5	92.8	93.1	94.2	94.5	95.4	96.6
≥ 100	32.6	52.0	57.7	65.8	73.6	76.4	82.3	86.4	87.4	91.6	92.9	93.2	94.4	94.6	95.8	98.1
≥ 0	32.6	52.0	57.7	65.8	73.6	76.4	82.3	86.4	87.4	91.6	92.9	93.2	94.5	94.9	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2975

USAF ETAC FORM 1164 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 STATION HAMILTON AFB CALIF/SAN RAFAEL 39-70

YEARS

DEC

1200-1400

0000-0200

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥½	≥¼	≥¼	≥0
NO CEILING ≥ 20000	23.2	31.0	33.7	36.2	38.1	38.6	39.0	39.3	39.3	39.4	39.4	39.4	39.5	39.5	39.5	39.5	39.6
	27.7	39.1	41.4	44.6	46.8	47.5	48.0	48.4	48.5	48.6	48.6	48.6	48.7	48.7	48.7	48.7	48.8
≥ 18000	28.1	39.7	42.1	45.4	47.7	48.3	49.0	49.4	49.4	49.5	49.5	49.6	49.6	49.6	49.7	49.7	49.7
≥ 16000	28.7	40.4	43.0	45.2	48.5	49.2	49.9	50.3	50.3	50.5	50.5	50.5	50.5	50.5	50.6	50.6	50.6
≥ 14000	29.1	41.6	44.4	47.6	50.2	50.9	51.6	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3
≥ 12000	29.8	43.1	46.3	49.8	52.4	53.1	53.9	54.3	54.4	54.5	54.5	54.5	54.6	54.6	54.6	54.7	54.7
≥ 10000	30.4	43.9	47.3	50.9	53.7	54.4	55.3	55.7	55.7	55.8	55.8	55.9	55.9	55.9	56.0	56.0	56.0
≥ 9000	30.5	44.1	47.5	51.2	53.9	54.7	55.6	56.0	56.1	56.2	56.2	56.2	56.3	56.3	56.3	56.4	56.4
≥ 8000	30.9	44.8	48.3	52.1	54.9	55.7	56.6	57.0	57.1	57.2	57.2	57.3	57.3	57.3	57.4	57.4	57.4
≥ 7000	31.1	45.3	48.8	52.6	57.4	56.2	57.2	57.6	57.6	57.8	57.8	57.8	57.9	57.9	57.9	57.9	58.0
≥ 6000	31.4	45.8	49.4	53.2	56.1	57.0	57.9	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7
≥ 5000	32.0	46.8	50.4	54.2	57.1	58.0	58.9	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7
≥ 4500	32.2	46.9	50.7	54.6	57.5	53.4	59.4	59.8	59.8	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.2
≥ 4000	32.6	47.4	51.2	55.2	58.2	59.1	60.0	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.8	60.8	60.8
≥ 3500	33.2	48.6	52.6	56.6	59.8	60.7	61.7	62.1	62.2	62.4	62.5	62.5	62.5	62.5	62.6	62.6	62.6
≥ 3000	34.4	50.5	54.6	58.7	62.0	62.9	63.9	64.3	64.4	64.6	64.7	64.7	64.8	64.8	64.9	64.9	64.9
≥ 2500	35.6	52.6	56.8	61.2	64.6	65.6	66.6	67.1	67.2	67.4	67.5	67.5	67.6	67.6	67.7	67.7	67.7
≥ 2000	37.2	55.4	59.8	64.3	68.4	69.5	70.7	71.4	71.6	71.8	72.0	72.0	72.1	72.1	72.2	72.2	72.3
≥ 1800	37.5	56.0	60.6	65.5	69.5	70.5	71.7	72.5	72.5	72.8	73.0	73.0	73.1	73.2	73.2	73.3	73.3
≥ 1500	38.0	57.5	62.5	67.7	72.2	73.3	74.6	75.4	75.4	75.8	76.0	76.0	76.1	76.2	76.2	76.3	76.3
≥ 1200	38.4	59.3	64.7	70.8	75.6	76.7	78.3	79.3	79.3	79.8	80.1	80.1	80.3	80.3	80.4	80.4	80.4
≥ 1000	38.6	60.3	66.0	72.0	77.8	79.1	80.8	81.9	82.0	82.6	82.9	83.0	83.1	83.2	83.2	83.3	83.3
≥ 900	38.7	60.7	66.6	73.3	78.9	80.3	82.1	83.2	83.3	84.0	84.3	84.4	84.5	84.6	84.7	84.7	84.7
≥ 800	38.7	61.3	67.3	74.6	80.7	82.2	84.5	86.0	86.1	87.2	87.5	87.6	87.8	87.9	87.9	88.0	88.0
≥ 700	38.7	61.5	68.0	75.8	82.3	84.1	86.7	88.3	88.5	89.8	90.2	90.3	90.4	90.5	90.6	90.6	90.6
≥ 600	38.7	61.8	68.3	76.6	83.7	85.6	88.6	90.3	90.6	92.2	92.6	92.6	92.8	92.9	93.0	93.0	93.0
≥ 500	38.7	61.9	68.6	77.3	84.9	87.1	90.6	92.6	93.0	94.7	95.1	95.2	95.4	95.5	95.6	95.6	95.6
≥ 400	38.7	61.9	68.6	77.4	83.2	87.7	91.5	93.9	94.3	95.4	96.9	97.0	97.3	97.5	97.6	97.7	97.7
≥ 300	38.7	61.9	68.6	77.5	85.4	87.9	92.0	94.6	95.2	97.3	98.1	98.3	98.9	99.0	99.2	99.4	99.4
≥ 200	38.7	61.9	68.6	77.5	85.4	87.9	92.0	94.6	95.2	97.3	98.1	98.4	98.9	99.1	99.3	99.3	99.3
≥ 100	38.7	61.9	68.6	77.5	85.4	87.9	92.0	94.6	95.2	97.3	98.1	98.4	98.9	99.1	99.3	99.3	99.3
≥ 0	38.7	61.9	68.6	77.5	85.4	87.9	92.0	94.6	95.2	97.3	98.1	98.4	98.9	99.1	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

2973

USAF ETAC FORM AF 54 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

23211 STATION HAMILTON AFB CALIF SAN JACINTO 39-70

DEC

MONTH

1500-1700
HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	28.5	38.0	40.3	42.4	43.7	44.0	44.4	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 20000	22.8	45.2	48.3	51.0	52.7	53.2	53.7	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.5
≥ 18000	33.3	46.1	49.3	52.0	53.7	54.2	54.7	55.1	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.4
≥ 16000	33.8	47.0	50.3	53.0	54.7	55.2	55.7	56.1	56.2	56.3	56.3	56.3	56.3	56.4	56.4	56.5
≥ 14000	34.7	48.9	52.2	55.1	58.9	57.5	58.0	58.5	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.8
≥ 12000	35.7	50.5	54.1	57.0	59.0	59.5	60.1	60.6	60.7	60.7	60.8	60.8	60.8	60.8	60.8	61.0
≥ 10000	36.1	51.1	54.8	57.8	59.8	60.3	60.9	61.4	61.9	61.6	61.6	61.6	61.6	61.6	61.6	61.8
≥ 9000	36.2	51.3	55.0	57.9	60.1	60.6	61.2	61.7	61.8	61.8	61.8	61.8	61.9	61.9	61.9	62.0
≥ 8000	36.6	52.1	56.0	59.0	61.2	61.7	62.4	62.9	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.3
≥ 7000	36.9	52.6	56.5	59.6	61.8	62.3	62.9	63.5	63.6	63.7	63.7	63.7	63.7	63.7	63.8	63.9
≥ 6000	37.3	53.2	57.1	60.2	62.4	62.9	63.0	64.1	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.6
≥ 5000	37.9	54.0	57.9	61.1	63.5	64.1	64.8	65.3	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.8
≥ 4500	38.1	54.4	58.3	61.5	63.9	64.5	65.2	65.8	65.9	66.0	66.0	66.0	66.1	66.1	66.1	66.2
≥ 4000	38.7	55.2	59.2	62.5	65.0	65.6	66.3	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.3
≥ 3500	39.2	55.9	60.1	63.4	65.9	66.6	67.4	68.0	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.5
≥ 3000	40.8	56.3	62.5	66.0	68.6	69.2	70.1	70.7	70.8	71.0	71.0	71.0	71.1	71.1	71.1	71.3
≥ 2500	42.0	60.6	64.9	68.5	71.2	71.9	72.8	73.5	73.6	73.8	73.8	73.8	73.9	73.9	73.9	74.1
≥ 2000	43.2	63.1	67.0	71.7	74.5	75.2	76.4	77.3	77.5	77.7	77.8	77.8	77.9	77.9	77.9	78.1
≥ 1800	43.9	63.8	68.3	72.4	75.3	76.0	77.2	78.1	78.2	78.6	78.6	78.7	78.8	78.8	78.8	78.9
≥ 1500	43.9	65.3	70.0	74.3	77.3	78.1	79.3	80.3	80.8	81.1	81.2	81.3	81.3	81.4	81.4	81.5
≥ 1200	44.5	67.1	72.1	77.0	80.3	81.2	82.7	83.8	84.1	84.5	84.6	84.7	84.8	84.8	84.8	85.0
≥ 1000	44.8	68.1	73.3	78.5	82.0	83.1	84.9	86.1	86.4	87.1	87.2	87.3	87.5	87.5	87.6	87.7
≥ 900	44.9	68.9	74.3	79.7	83.6	84.5	86.4	87.9	88.1	89.1	89.3	89.3	89.5	89.6	89.6	89.8
≥ 800	44.9	69.3	74.9	80.7	84.9	86.0	88.4	90.1	90.4	91.6	91.7	91.8	92.0	92.1	92.2	92.3
≥ 700	45.0	69.6	75.3	81.7	86.1	87.3	90.0	91.9	92.2	93.4	93.7	93.7	94.0	94.1	94.2	94.3
≥ 600	45.0	69.7	75.6	82.2	87.2	88.4	91.4	93.3	93.6	94.5	95.1	95.2	95.5	95.6	95.7	95.8
≥ 500	45.0	69.9	75.8	82.7	87.9	89.2	92.8	94.7	95.1	96.4	96.8	96.9	97.2	97.3	97.4	97.5
≥ 400	45.0	69.9	75.8	82.9	88.2	89.7	93.4	95.6	95.9	97.3	97.7	97.8	98.1	98.3	98.4	98.5
≥ 300	45.0	69.9	75.8	82.9	88.2	89.7	93.6	95.8	96.2	97.7	98.2	98.4	98.8	98.9	99.0	99.2
≥ 200	45.0	69.9	75.8	82.9	88.2	89.8	93.6	95.8	96.2	97.8	98.4	98.5	99.0	99.1	99.2	99.3
≥ 100	45.0	69.9	75.8	82.9	88.2	89.8	93.6	95.8	96.2	97.8	98.4	98.5	99.0	99.1	99.2	99.3
≥ 0	45.0	69.9	75.8	82.9	88.2	89.8	93.6	95.8	96.2	97.8	98.4	98.5	99.0	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

2973

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

DEC

STATION STATION NAME YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1400-2000
HOURS (EST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ ½/16	≥ ¼	≥ 0
NO CEILING	33.3	42.9	45.6	47.5	49.1	49.4	50.4	50.6	50.6	50.8	50.9	50.9	51.0	51.0	51.1	51.4
≥ 20000	36.3	47.8	50.8	52.6	54.8	55.2	56.3	56.6	56.6	56.8	56.9	57.0	57.1	57.1	57.1	57.5
≥ 18000	36.6	48.2	51.3	53.1	55.2	55.6	56.8	57.1	57.1	57.3	57.4	57.4	57.5	57.5	57.6	57.9
≥ 16000	36.9	48.7	51.9	53.7	55.8	56.3	57.4	57.7	57.7	57.9	58.0	58.0	58.1	58.1	58.2	58.6
≥ 14000	37.5	49.8	51.5	53.3	57.6	58.0	59.2	59.5	59.5	59.7	59.8	59.8	59.9	59.9	60.0	60.4
≥ 12000	38.8	51.7	53.5	57.3	59.6	60.1	61.3	61.6	61.6	61.8	61.9	62.0	62.1	62.1	62.2	62.5
≥ 10000	39.1	52.4	56.4	58.3	60.7	61.2	62.3	62.7	62.7	62.9	63.0	63.1	63.2	63.2	63.3	63.6
≥ 9000	39.4	52.7	56.6	58.7	61.0	61.5	62.7	63.1	63.1	63.3	63.4	63.5	63.6	63.6	63.7	64.0
≥ 8000	40.1	53.0	57.5	59.6	62.1	62.6	63.9	64.3	64.3	64.5	64.6	64.7	64.8	64.8	64.9	65.2
≥ 7000	40.7	54.4	58.4	60.7	63.1	63.7	64.9	65.3	65.3	65.6	65.8	65.8	65.9	65.9	66.0	66.4
≥ 6000	41.1	55.0	59.0	61.3	63.8	64.3	65.5	66.0	66.0	66.3	66.5	66.5	66.6	66.6	66.7	67.0
≥ 5000	41.6	55.6	59.9	62.1	64.6	65.1	66.5	67.0	67.0	67.3	67.4	67.5	67.6	67.6	67.7	68.0
≥ 4500	42.0	56.3	60.5	62.7	65.4	65.9	67.4	67.8	67.8	68.1	68.3	68.3	68.4	68.4	68.5	68.8
≥ 4000	42.9	57.4	61.7	64.0	66.7	67.2	68.6	69.1	69.1	69.4	69.6	69.6	69.7	69.7	69.8	70.1
≥ 3500	43.2	57.9	63.2	64.6	67.4	67.9	69.3	69.8	69.8	70.2	70.3	70.3	70.4	70.4	70.5	70.9
≥ 3000	44.4	59.6	64.1	66.8	69.7	70.2	71.6	72.2	72.2	72.3	72.7	72.7	72.8	72.8	72.9	73.3
≥ 2500	45.3	61.0	63.3	68.2	71.3	71.9	73.3	73.9	73.9	74.2	74.4	74.4	74.5	74.5	74.6	74.9
≥ 2000	46.6	62.9	67.9	70.7	74.2	74.8	76.4	77.0	77.0	77.4	77.5	77.6	77.7	77.7	77.8	78.1
≥ 1800	47.0	63.6	68.6	71.5	75.1	75.7	77.3	77.9	78.0	78.4	78.6	78.6	78.7	78.7	78.8	79.2
≥ 1500	47.6	64.7	70.0	73.0	76.9	77.5	79.2	79.9	80.1	80.5	80.7	80.7	80.8	80.8	80.9	81.2
≥ 1200	48.5	67.1	72.7	76.0	80.1	80.9	83.0	83.8	84.0	84.5	84.7	84.7	84.8	84.8	84.9	85.2
≥ 1000	48.7	67.8	73.4	76.9	81.7	82.7	84.9	85.8	86.1	86.6	86.8	86.8	86.9	86.9	87.0	87.4
≥ 900	48.8	68.2	74.1	77.8	83.2	84.1	86.6	87.5	87.8	88.4	88.6	88.6	88.7	88.7	88.8	89.2
≥ 800	49.1	68.7	74.7	78.8	84.7	85.7	88.4	89.5	89.8	90.6	90.9	90.9	91.0	91.0	91.1	91.3
≥ 700	49.2	68.9	75.2	79.3	85.2	87.0	89.9	91.1	91.3	92.3	92.6	92.6	92.7	92.8	92.9	93.2
≥ 600	49.2	69.2	75.6	79.8	87.2	88.5	91.6	92.9	93.2	94.2	94.5	94.5	94.6	94.6	94.7	95.1
≥ 500	49.2	69.2	75.6	80.0	87.7	89.2	92.7	94.0	94.3	95.4	95.7	95.7	95.8	95.9	96.0	96.3
≥ 400	49.2	69.2	75.6	80.0	87.8	89.4	93.1	94.5	94.9	96.1	96.4	96.4	96.5	96.6	96.7	97.0
≥ 300	49.2	69.2	75.6	80.0	87.8	89.6	93.3	94.9	95.4	96.7	97.0	97.1	97.2	97.3	97.4	97.7
≥ 200	49.2	69.2	75.6	80.0	87.8	89.6	93.4	95.0	95.5	96.9	97.3	97.3	97.4	97.5	97.6	98.3
≥ 100	49.2	69.2	75.6	80.0	87.9	89.7	93.5	95.1	95.7	97.2	97.6	97.6	98.1	98.2	98.5	98.9
≥ 0	49.2	69.2	75.6	80.0	87.9	89.7	93.5	95.2	95.7	97.2	97.6	97.6	97.7	98.2	98.3	98.6

TOTAL NUMBER OF OBSERVATIONS

2969

USAF ETAC FORM 10-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

YEARS

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS TESTED

DATA PROCESSING FORMS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	26	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	31.3	40.3	43.3	44.9	46.9	47.2	48.1	48.4	48.3	49.0	49.2	49.2	49.5	49.6	49.9	50.6
	33.5	43.7	46.9	48.5	50.9	51.3	52.2	52.6	52.8	53.3	53.5	53.3	53.8	53.9	54.2	54.9
≥ 18000	33.8	44.1	47.3	48.9	51.3	51.7	52.6	53.0	53.2	53.7	53.9	53.9	54.2	54.3	54.6	55.3
≥ 16000	34.1	44.4	47.6	49.2	51.6	52.1	52.9	53.9	53.3	54.0	54.2	54.2	54.5	54.6	54.9	55.7
≥ 14000	34.4	44.9	48.4	50.0	52.6	53.0	53.8	54.2	54.4	54.9	55.2	55.2	55.4	55.5	55.8	56.6
≥ 12000	35.1	46.2	49.9	51.5	54.4	54.8	55.7	56.1	56.3	56.8	57.0	57.0	57.3	57.4	57.7	58.4
≥ 10000	35.9	47.3	51.4	53.1	56.1	56.5	57.4	57.8	58.0	58.5	58.8	58.8	59.0	59.1	59.4	60.2
≥ 9000	36.2	47.7	51.7	53.5	56.5	56.9	57.8	58.2	58.4	58.9	59.2	59.2	59.4	59.5	59.8	60.6
≥ 8000	36.6	48.9	52.6	54.3	57.4	57.8	58.7	59.2	59.3	59.9	60.1	60.1	60.4	60.5	60.8	61.5
≥ 7000	37.2	49.1	53.3	55.1	58.2	58.6	59.5	60.0	60.1	60.7	60.9	60.9	61.2	61.3	61.6	62.4
≥ 6000	37.7	49.8	54.0	55.8	58.9	59.3	60.2	60.7	60.9	61.4	61.6	61.6	61.9	62.1	62.4	63.1
≥ 5000	38.1	50.5	54.9	56.8	60.0	60.4	61.3	61.8	62.0	62.5	62.8	62.8	63.0	63.2	63.5	64.2
≥ 4500	38.5	51.0	55.5	57.4	60.6	61.1	62.0	62.5	62.6	63.2	63.4	63.4	63.7	63.8	64.1	64.8
≥ 4000	39.5	52.2	56.7	58.7	62.0	62.5	63.4	63.9	64.1	64.6	64.8	64.8	65.1	65.3	65.6	66.3
≥ 3500	39.8	52.9	57.0	59.6	63.0	63.5	64.4	64.9	65.1	65.6	65.9	65.9	66.1	66.3	66.6	67.3
≥ 3000	41.0	54.7	59.6	61.6	65.2	65.7	66.6	67.1	67.3	67.8	68.0	68.0	68.3	68.3	68.6	69.5
≥ 2500	41.6	56.0	60.9	63.0	66.6	67.1	68.1	68.6	68.7	69.3	69.5	69.5	69.8	69.9	70.2	70.9
≥ 2000	43.4	58.5	63.5	65.8	69.7	70.7	71.3	71.9	72.1	72.7	72.9	72.9	73.2	73.4	73.7	74.4
≥ 1800	43.6	58.9	64.0	66.3	70.4	70.9	72.1	72.6	72.8	73.4	73.7	73.7	74.0	74.1	74.4	75.2
≥ 1500	44.6	60.6	66.0	68.3	73.0	73.5	74.8	75.5	75.7	76.3	76.6	76.6	76.9	77.0	77.4	78.1
≥ 1200	45.7	62.6	68.1	70.9	76.0	76.6	78.1	78.9	79.2	79.9	80.2	80.2	80.5	80.6	80.9	81.7
≥ 1000	45.9	63.4	69.1	72.2	77.7	78.6	80.1	81.0	81.3	82.2	82.3	82.5	82.8	82.9	83.2	84.0
≥ 900	46.0	63.8	69.6	72.7	78.7	79.4	81.3	82.2	82.5	83.4	83.7	83.7	84.0	84.2	84.5	85.3
≥ 800	46.2	64.1	70.1	73.3	79.8	80.5	82.6	83.7	83.9	84.9	85.3	85.3	85.6	85.8	86.1	86.8
≥ 700	46.2	64.4	70.5	73.8	81.0	81.8	84.0	85.1	85.4	86.6	87.0	87.0	87.3	87.4	87.8	88.5
≥ 600	46.2	64.5	70.7	74.0	82.0	82.9	83.5	86.8	87.1	88.4	88.7	88.7	89.1	89.2	89.5	90.3
≥ 500	46.3	64.6	70.8	74.4	82.9	84.0	87.1	88.5	88.9	90.3	90.6	90.6	91.0	91.1	91.4	92.2
≥ 400	46.3	64.6	70.9	74.6	83.7	85.0	86.4	89.9	90.3	92.0	92.5	92.5	92.9	93.0	93.4	94.1
≥ 300	46.3	64.6	70.9	74.7	83.9	85.3	88.9	90.6	91.1	93.1	93.6	93.6	94.1	94.3	94.7	95.4
≥ 200	46.3	64.6	70.9	74.8	84.0	85.6	89.1	90.7	91.2	93.7	94.3	94.3	95.1	95.3	95.5	96.6
≥ 100	46.3	64.6	70.9	74.8	84.1	85.6	89.2	91.0	91.6	93.9	94.6	94.6	95.3	95.7	96.4	97.3
≥ 0	46.3	64.6	70.9	74.8	84.1	85.6	89.2	91.0	91.6	93.9	94.6	94.6	95.5	95.7	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS

2970

PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS	TENTHS
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

23211 HAMILTON AFB CALIF/SAN RAFAEL

STATION

STATION NAME

46-70

ALL

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	24.7	3.8	3.8	3.1	2.9	2.1	2.8	3.6	4.8	4.1	44.5	6.0	18588
FEB		27.0	4.6	4.0	3.7	3.2	2.2	3.2	3.9	5.5	3.7	39.2	5.7	16941
MAR		30.3	5.0	4.9	4.1	3.5	3.1	3.9	4.7	6.5	4.9	29.2	5.0	18586
APR		34.7	5.9	5.4	4.6	3.8	2.8	3.7	4.5	5.7	4.0	25.1	4.5	17993
MAY		39.0	6.5	5.6	4.6	4.0	3.1	3.4	4.0	5.4	3.9	20.3	3.9	18592
JUN		51.1	6.5	5.4	4.1	2.9	2.3	2.5	3.1	3.6	2.8	15.8	3.0	17990
JUL		65.4	5.5	3.9	3.2	2.1	1.5	1.9	2.0	2.2	1.5	10.7	2.0	18594
AUG		59.9	6.2	4.2	3.0	2.3	1.7	2.2	2.2	2.7	2.1	13.4	2.5	18590
SEP		59.7	5.3	4.6	3.3	2.9	1.9	2.4	2.6	3.0	2.1	12.2	2.4	17992
OCT		48.1	5.5	4.4	4.1	2.9	2.1	2.9	3.2	4.1	3.3	19.5	3.5	18593
NOV		32.2	4.9	4.5	3.6	3.1	2.4	3.3	3.6	5.1	4.6	32.7	5.0	17993
DEC		21.7	3.8	4.3	3.4	3.1	2.2	2.7	3.8	4.6	4.0	46.4	6.3	18591
TOTALS		41.2	5.3	4.6	3.7	3.1	2.3	2.9	3.4	4.4	3.4	25.8	4.2	219043

USAFETAC

FORM JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

**DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC**

SKY COVER

23211 HAMILTON AFB CALIF/SAN RAFAEL

$$46 - 70$$

JAN

**PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

23211 HAMILTON AFB CALIF/SAN RAFAEL

46-70

FEB

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	38.3	3.9	4.1	2.5	3.1	1.3	2.6	3.3	3.2	2.6	35.1	4.8	2118
	03-05	34.4	3.0	3.3	2.9	2.5	1.4	3.1	2.8	4.0	2.2	40.5	5.3	2117
	06-08	21.4	5.3	4.1	2.5	2.7	2.0	2.4	3.1	5.1	3.6	47.9	6.3	2117
	09-11	19.2	4.6	2.6	3.4	3.0	2.0	2.8	3.5	6.3	4.1	48.5	6.6	2118
	12-14	18.4	5.1	3.1	4.3	3.7	3.0	3.6	5.0	8.0	5.9	40.0	6.3	2118
	15-17	17.6	5.2	4.8	4.7	4.1	3.6	4.3	5.7	7.0	5.5	37.5	6.1	2118
	18-20	27.8	5.3	5.4	5.4	3.8	2.4	3.9	4.2	5.6	3.8	32.4	5.2	2118
	21-23	38.5	4.1	4.6	3.6	2.3	1.9	2.5	3.9	4.3	2.2	31.9	4.6	2117
	TOTALS	27.0	4.6	4.0	3.7	3.2	2.2	3.2	3.9	5.3	3.7	39.2	5.7	16941

USAFETAC

FORM JUL 64 0-9-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

3

**DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC**

SKY COVER

23211 HAMILTON AFB CALIF/SAN RAFAEL

46-70

MAR

STATION

STATION NAME

100

MONTH

**PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

USAFFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

**DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC**

SKY COVER

23211 HAMILTON AFB CALIF/SAN RAFAEL

46-70

APR

STATION NAME

PERIOD

MONIM

**PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			
APR	00-02	50.1	5.1	5.2	3.3	2.6	1.3	2.8	3.4	2.8	1.8	21.6	3.4	2249
	03-05	42.6	5.3	6.1	3.6	3.2	2.2	2.9	3.1	3.2	2.7	25.0	3.9	2235
	06-08	27.3	5.9	4.9	4.9	3.9	2.4	3.4	4.9	6.4	4.5	31.3	5.2	2249
	09-11	24.0	5.9	5.7	3.2	4.2	3.9	4.1	5.1	7.6	6.3	28.2	5.3	2249
	12-14	24.5	6.0	5.1	4.6	4.7	4.3	4.8	6.1	9.3	5.6	25.1	5.2	2250
	15-17	25.9	6.7	5.7	5.2	4.7	3.3	3.9	5.6	7.3	4.9	26.9	5.0	2248
	18-20	33.3	6.4	6.3	5.9	3.9	2.5	4.4	4.1	5.8	3.5	23.9	4.4	2248
	21-23	49.5	5.8	4.5	4.4	2.8	2.4	3.1	3.4	3.2	2.4	18.6	3.3	2250
TOTALS		34.7	5.9	5.4	4.6	3.8	2.8	3.7	4.5	5.7	4.0	25.1	4.5	17493

USAFETAC

FORM
JUL 64 0-9-5-1 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

23211 HAMILTON AFB CALIF/SAN RAFAEL

46-70

MAY

STATION

STATION NAME

800

MONTH

**PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

USAFAETAS

FORM 0-9-5 (OL A)
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

23211 HAMILTON AFB CALIF/SAN RAFAEL

46 ÷ 70

JUN

STATION

STATION NAME

PERIOD

MONTH

**PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	57.9	4.4	4.5	3.3	1.9	1.3	2.1	2.1	2.8	1.8	17.7	2.8	2247
	03-05	45.3	5.3	4.5	3.4	2.1	1.9	1.8	2.4	3.2	2.8	26.8	3.9	2250
	06-08	38.8	6.7	3.5	3.6	2.3	1.8	2.2	3.1	4.6	4.1	29.4	4.4	2250
	09-11	46.6	7.6	5.3	4.0	3.2	2.8	2.1	3.5	4.1	3.3	17.3	3.3	2249
	12-14	54.1	6.1	6.0	4.6	3.6	2.7	2.8	3.3	4.0	2.7	10.1	2.6	2249
	15-17	52.4	7.9	6.5	4.8	3.2	2.6	3.1	4.0	3.8	3.6	8.0	2.5	2247
	18-20	52.3	7.2	6.9	5.1	3.5	3.3	3.1	3.6	4.1	2.7	8.3	2.5	2249
	21-23	61.2	7.0	5.6	4.0	3.4	1.6	2.8	2.3	1.9	1.4	8.8	2.0	2249
TOTALS		51.1	6.5	5.4	4.1	2.9	2.3	2.5	3.1	3.6	2.8	15.8	3.0	17990

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

**DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC**

SKY COVER

23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION STATION NAME

46-70

JUL

STATION NAME

PERIOD

MONTH

**PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

23211 HAMILTON AFB CALIF/SAN RAFAEL

46-70

AUG

STAT.ON NAME

PERIOD

**PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

USAFETAC

FORM
JUL 64 0-9-5 - (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

3

**DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC**

SKY COVER

23211 HAMILTON AFB CALIF/SAN RAFAEL

46-70

SEP

STATION NAME

PERIOD

**PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			
SEP	00-02	65.3	3.6	4.4	2.8	2.0	1.3	1.5	2.6	2.3	1.1	13.1	2.2	2249
	03-05	53.7	3.9	4.1	3.0	2.4	2.0	2.4	2.4	2.5	1.8	21.8	3.3	2250
	06-08	39.0	5.2	5.1	3.5	3.4	2.4	2.3	2.9	3.6	3.0	29.6	4.4	2249
	09-11	52.2	6.6	5.4	4.0	3.2	2.1	2.5	3.9	3.9	2.9	13.3	2.9	2248
	12-14	64.1	5.4	4.8	3.7	3.3	1.9	2.6	2.4	3.3	2.5	6.0	1.9	2250
	15-17	65.0	5.7	4.7	3.6	3.7	2.4	3.0	2.8	2.8	2.3	4.0	1.7	2246
	18-20	66.4	7.5	4.4	3.2	3.0	1.7	2.7	2.0	3.0	2.3	3.9	1.6	2250
	21-23	72.0	4.7	4.1	2.7	2.3	1.2	1.8	2.1	2.2	1.2	5.6	1.5	2250
TOTALS		59.7	5.3	4.6	3.3	2.9	1.9	2.4	2.6	3.0	2.1	12.2	2.4	17992

USAFETA

FORM
NO. 11

FORM 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
U.S. AIR FORCE
WEATHER SERVICE/HAC

SKY COVER

23211 HAMILTON AFB CALIF/SAN RAFAEL

STATION

STATION NAME

46-70

PERIOD

OCT

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	59.1	3.5	3.1	2.8	1.7	1.5	2.0	2.0	2.7	2.0	19.6	2.9	2324
	03-05	52.7	3.0	3.0	2.8	2.1	1.6	2.2	2.2	3.5	2.2	24.7	3.6	2324
	06-08	35.8	5.2	3.6	4.3	2.8	2.1	2.7	4.2	3.5	3.7	30.1	4.7	2325
	09-11	37.8	6.3	3.8	4.5	3.2	2.6	3.3	4.0	4.9	5.1	24.4	4.3	2323
	12-14	43.4	6.3	5.2	4.6	3.3	2.8	3.3	3.4	5.2	4.9	17.0	3.6	2325
	15-17	43.1	7.5	6.2	4.9	3.8	2.8	3.7	3.7	4.9	4.6	14.6	3.4	2325
	18-20	53.3	6.3	5.9	4.9	3.8	2.2	3.0	3.1	3.3	2.0	12.1	2.6	2323
	21-23	59.5	5.5	4.3	3.7	2.5	1.3	2.9	2.5	2.4	2.2	13.1	2.5	2324
	TOTALS	48.1	3.5	4.6	4.1	2.9	2.1	2.9	3.2	4.1	3.3	19.5	3.5	18592

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

23211 HAMILTON AFB CALIF/SAN RAFAEL

46-70

NOV

STATION

STATION NAME

MINOR

MONTA

**PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

USAFFETAC

FORM 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

23211 HAMILTON AFB CALIF/SAN RAFAEL

46-70

DEC

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	27.3	3.6	2.9	2.8	3.1	1.9	2.3	3.4	3.8	2.9	46.0	5.9	2323
	03-05	25.3	2.9	3.7	3.4	2.6	1.3	2.2	2.9	3.7	2.6	49.6	6.2	2324
	06-08	17.6	2.8	4.1	2.6	2.4	2.3	1.8	3.3	4.8	4.3	54.1	6.9	2324
	09-11	15.5	3.7	3.5	2.9	2.5	2.2	2.4	4.1	4.8	5.1	53.4	7.0	2324
	12-14	15.1	4.6	4.7	3.2	3.6	2.6	3.3	5.7	5.6	6.4	45.3	6.7	2325
	15-17	16.1	5.1	5.5	4.9	4.2	3.2	3.1	3.6	6.5	5.2	42.5	6.3	2325
	18-20	26.1	4.2	5.2	4.7	3.7	2.2	4.0	3.8	4.3	3.4	36.2	5.5	2323
	21-23	30.7	3.6	4.4	2.7	2.9	1.9	2.6	3.8	3.1	2.4	41.7	5.9	2323
	TOTALS	21.7	3.8	4.3	3.4	3.1	2.2	2.7	3.8	4.6	4.0	46.4	6.3	18591

U.S. ETAC

FORM JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (NAC)
ASHEVILLE, NORTH CAROLINA

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperature
 - b. Daily minimum temperature
 - c. Daily mean temperature
2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

= NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computations for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual, and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

- a. Dry-bulb temperature
- b. Wet-bulb temperature
- c. Dew-point temperature

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DATA PROCESSING DIVISION

USAF ETAC

AIR WEATHER SERVICE/MAC

23211 HAMILTON AFB CALIF/SAN RAFAEL

DAILY TEMPERATURES

STATION

STATION NAME

39-70

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT.	NOV	DEC	ANNUAL
105						2			1				0
100					1		5	1	1	1			2
95					4	2.5	2.0	1.8	4.1	1			9
90					2.1	8.2	5.9	5.7	10.3	9			2.8
85				2.0	6.1	17.0	16.8	15.7	21.5	6.6			7.2
80			6	5.4	12.7	28.4	40.7	3	38.8	16.5	6		15.2
75	1	1	4.2	16.5	26.7	52.5	73.8	7	67.8	34.0	4.4	2	29.6
70	2	2.1	13.4	30.4	50.3	80.0	95.5	95.4	92.0	63.2	12.8	8	45.0
65	1.6	11.2	29.3	55.3	80.7	95.9	99.8	99.8	99.2	87.3	31.7	3.5	58.3
60	13.0	40.6	59.7	81.6	97.0	99.1	100.0	100.0	100.0	98.8	67.1	17.9	73.1
55	43.2	76.8	90.2	93.7	99.9	99.9				100.0	92.4	51.1	87.5
50	77.1	95.7	99.2	99.8	100.0	100.0					99.0	79.3	95.8
45	94.3	99.7	100.0	100.0							99.8	95.2	99.1
40	99.1	100.0									100.0	99.9	99.9
35	100.0										100.0	100.0	
MEAN	51.4	58.2	61.8	66.3	70.8	76.2	78.0	78.4	78.7	72.3	62.4	54.4	67.6
S.D.	3.506	5.098	6.313	7.662	7.566	14.2	6.379	6.207	7.795	7.038	6.093	5.813	3.12
TOTAL OBS	960	876	992	960	992	30	992	992	959	981	960	992	1386

SAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC

AIR WEATHER SERVICE/MAC

23211 HAMILTON AFB CALIF/SAN RAFAEL

39-70

DAILY TEMPERATURES

STATION

STATION NAME

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
≥ 65					.1	.1	.1	.1	.1	.1	.1	.1	.1
60					.1	.6	2.5	1.1	1.7	4.5	.4	.1	.9
55	.9	1.7	.7	.9	3.5	18.8	20.3	19.9	23.1	11.1	2.6	1.7	8.8
50	7.6	11.3	6.6	11.6	33.9	68.8	78.9	77.8	66.6	40.3	18.0	9.3	36.1
45	23.2	30.4	32.8	51.0	81.6	98.0	99.9	99.9	95.6	79.3	44.5	23.6	63.7
40	42.6	61.9	73.7	89.3	98.7	100.0	100.0	100.0	100.0	93.7	72.1	51.6	82.3
35	68.7	86.8	96.2	99.1	100.0					99.8	92.2	78.8	93.5
33	79.1	93.7	98.1	99.8						100.0	96.1	86.5	96.1
30	90.4	98.4	99.9	100.0							98.9	95.5	98.6
25	99.6	100.0	100.0								100.0	99.8	99.9
20	100.0										100.0	100.0	
15													
10													
5													
0													
MEAN	38.7	61.4	42.4	44.3	47.8	51.3	51.9	52.0	51.5	48.2	43.4	40.1	46.1
SD	7.072	6.122	6.702	4.181	3.870	3.39	2.994	3.161	4.408	4.872	6.258	6.669	8.75
TOTAL OBS	960	876	992	960	992	30	992	992	959	981	960	992	586

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC
 23211 HAMILTON AFB CALIF/SAN RAFAEL

DAILY TEMPERATURES

STATION

STATION NAME

39-70

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
85													.0
80					.2	.9	.3	.2	1.4				.2
75					.7	4.2	2.2	1.9	5.4	.1			1.2
70					.6	3.4	12.7	13.0	11.6	16.2	3.3		5.2
65					.3	4.7	11.4	35.4	53.1	53.8	51.5	16.4	.3
60					.1	5.1	18.7	45.5	82.8	96.6	91.2	37.6	8.3
55					7.6	16.6	29.0	57.8	88.4	99.4	100.0	100.0	99.9
50					27.9	55.0	74.1	90.8	99.3	100.0		100.0	99.5
45					60.0	87.9	97.4	99.6	100.0			100.0	96.1
40					88.1	96.9	99.9	100.0					99.8
35					99.1	100.0	100.0					100.0	99.7
30					100.0							100.0	100.0
MEAN	46.2	50.0	52.3	55.3	59.4	63.6	65.3	65.3	65.2	60.4	53.6	47.4	57.0
S.D.	5.409	4.483	4.228	4.825	4.634	3.99	3.810	3.590	4.854	4.414	4.306	3.144	.312
TOTAL OBS	960	876	992	960	992	930	992	992	939	981	960	992	1586

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUL 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

YEAR	JAN	FEB	MAR.	APR.	MAY	JUN	JUL	AUG.	SEP	OCT.	NOV.	DEC.	ALL MONTHS
MONTH													
37			81	87	94	99	99	97	102		75	67	
40	68	66	74	81	86	88	99	98	97	89	71	70	99
41	68	65	75	75	92		92	94	98	96	73	65	
42	62	71	74	71	73	92	94	83	98	89	73	64	96
43	66	70	71	76	97	98	96	96	102	90	79	73	102
44	62	53	80	72	87	93	86	99		87	66	61	
45	61	67	75	87	79	99	97	95	93	90	77	64	95
46	62	67	76	93	99	94	94	102	96	88	72	61	102
47	54	72	74	59	90	98	94	96	101	90	71	72	101
48	60	71	68	73	79	96	102	93	97	89	72	63	102
49	50	62	73	82	99	97	91	90	101	89	81	65	101
51	61	68	77	85	102	92	94	97	104	88	82	64	104
52	64	66	81	79	97	91	93	93	99	86	76	62	99
53	50	68	81	84	93	89	92	93	98	93	73	61	92
55	65	70	77	76	82	93	93	90	97	87	70	72	97
57	63	70	74	84	99	98	102	89	92	82	69	61	102
58	35	59	78	73	90	94	87	94	100	82	83	83	100
59	58	66	72	78	92	97	86	88	90	78	77	70	97
57	59	64	70	86	84	97	93	90	95	77	67	50	97
58	64	65	66	84	87	92	80	93	94	91	78	70	94
59	54	72	74	81	84	95	101	96	86	89	79	66	101
60	63	67	79	83	87	105	88	86	94	83	76	63	105
61	64	67	73	80	78	106	100	94	91	91	76	60	106
62	77	60	69	80	92	94	90	93	88	82	74	62	95
63	61	71	68	70	82	83	95	92	96	81	67	58	96
64	63	75	73	87	77	90	98	93	97	87	67	64	90
65	58	65	72	84	79	85	80	89	85		72	56	87
66	60	80	84	85	95	99	87	90	95	86	78	64	87
67	57	64	64	60	86	80	91	87	93	87	80	76	93
68	61	70	76	84	83	93	93	94	99	81	71	60	95
MEAN													
S D													
TOTAL OBS													

USAF ETAC FORM 0-88-5 (O)U

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

**MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)**

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70
STATION STATION NAME

YEARS

WHRLF DEGREES FAHRENHEIT

USAF ETAC FORM 0-88-5 (OU)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

**MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)**

23211 HAMILTON AFB CALIF/SAN RAFAEL 59-70
STATION STATION NAME

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

USAF ETAC FORM 0-88-5 (OJ)

3 DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG	SEP.	OCT.	NOV.	DEC	ALL MONTHS
30	30	31	32	33	34	35	36	37	38	39	32	29	31
61	29	30	31	32	33	34	35	36	37	38	30	26	30
42	32	33	34	35	36	37	38	39	40	41	34	28	32
47	27	28	29	30	31	32	33	34	35	36	29	25	32
43	26	27	28	29	30	31	32	33	34	35	24	27	26
46	25	26	27	28	29	30	31	32	33	34	23	26	27
45	24	25	26	27	28	29	30	31	32	33	21	23	26
46	27	28	29	30	31	32	33	34	35	36	22	26	27
47	23	24	25	26	27	28	29	30	31	32	24	28	25
46	24	25	26	27	28	29	30	31	32	33	21	26	24
47	23	24	25	26	27	28	29	30	31	32	23	28	23
50	25	26	27	28	29	30	31	32	33	34	40	38	35
51	23	24	25	26	27	28	29	30	31	32	33	30	26
52	22	23	24	25	26	27	28	29	30	31	24	30	27
53	33	34	35	36	37	38	39	40	41	42	40	30	30
54	31	32	33	34	35	36	37	38	39	40	32	34	31
55	30	31	32	33	34	35	36	37	38	39	35	35	30
56	32	33	34	35	36	37	38	39	40	41	35	29	29
57	27	28	29	30	31	32	33	34	35	36	25	33	27
58	34	35	36	37	38	39	40	41	42	43	29	33	28
59	29	30	31	32	33	34	35	36	37	38	34	29	28
60	21	22	23	24	25	26	27	28	29	30	33	30	25
61	22	23	24	25	26	27	28	29	30	31	37	28	30
62	24	25	26	27	28	29	30	31	32	33	36	26	24
63	23	24	25	26	27	28	29	30	31	32	39	36	28
64	21	22	23	24	25	26	27	28	29	30	40	28	26
65	22	23	24	25	26	27	28	29	30	31	33	24	24
66	20	21	22	23	24	25	26	27	28	29	37	26	26
67	31	32	33	34	35	36	37	38	39	40	50	42	32
68	29	30	31	32	33	34	35	36	37	38	37	33	23
MEAN													
S.D.													
TOTAL OBS.													

USAF ETAC FORM JUL 64 0-88-5 (OL)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

EXTREME VALUES

**HIFIPUM TEMPERATURE
(FROM DAILY OBSERVATIONS)**

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

YEARS

WHOLE DEGREES FAHRENHEIT

USAF ETAC FORM 0-88-5 (OLI)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

23211 — HAMILTON AFB CALIF/SAN RAFAEL 19-70

YEARS

WHOLE DEGREES FAHRENHEIT
(BASED ON LESS THAN FULL MONTHS)

MONTHS YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
31										34			MIN TEMP DAYS
44										44			MIN TEMP DAYS
65										29			MIN TEMP DAYS
66	26	30								44			MIN TEMP DAYS
										30			MIN TEMP DAYS
MEAN													
S.D.													
TOTAL OBS.													

USAF ETAC FORM 0-88-5 (OL)

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DATA PROCESSING DIVISION
USAF ETAC
AIR HEATER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION STATION NAME

39-70

YEARS

ALL

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL				
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	Dry Bulb	Wet Bulb	Dew Point				
106/105																		.0	.0	.0	4	4		
104/103																		.0	.0	.0	7	7		
102/101																		.0	.0	.0	14	14		
100/ 99																		.0	.0	.0	38	36		
98/ 97																		.0	.0	.0	74	74		
96/ 95																		.0	.0	.0	140	140		
94/ 93																		.0	.0	.0	204	204		
92/ 91																		.0	.0	.0	299	299		
90/ 89																		.0	.0	.0	491	491		
88/ 87																		.0	.0	.0	708	708		
86/ 85																		.0	.0	.0	1039	1039		
84/ 83																		.0	.0	.0	1367	1368		
82/ 81																		.0	.0	.0	1723	1724		
80/ 79																		.0	.0	.0	2626	2628		
78/ 77																		.0	.0	.0	3436	3442		
76/ 75																		.0	.0	.0	4709	4711		
74/ 73																		.0	.0	.0	5539	5541		
72/ 71	.0	.0	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	.0	.1	.2	.3	.4	.0	.0	.0	6572	6579		
70/ 69	.0	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	.0	.1	.2	.3	.4	.5	.0	.0	.0	8210	8215		
68/ 67	.0	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	.0	.1	.2	.3	.4	.5	.0	.0	.0	8844	8853		
66/ 65	.0	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	.0	.1	.2	.3	.4	.5	.0	.0	.0	10050	10056		
64/ 63	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	.0	.1	.2	.3	.4	.5	.6	.0	.0	.0	11222	11229		
62/ 61	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	.0	.1	.2	.3	.4	.5	.6	.0	.0	.0	13262	13268		
60/ 59	.1	.2	.3	.4	.5	.6	.7	.8	.9	.0	.1	.2	.3	.4	.5	.6	.7	.0	.0	.0	17848	17862		
58/ 57	.1	.2	.3	.4	.5	.6	.7	.8	.9	.0	.1	.2	.3	.4	.5	.6	.7	.0	.0	.0	21507	21529		
56/ 55	.3	.4	.5	.6	.7	.8	.9	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	.0	.0	.0	25568	25595		
54/ 53	.4	.5	.6	.7	.8	.9	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	.0	.0	.0	25349	25363			
52/ 51	.6	.7	.8	.9	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	.0	.1	.2	.3	.4	.5	23404	23421		
50/ 49	.7	.8	.9	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	.0	.1	.2	.3	.4	.5	.6	21467	21482		
48/ 47	.6	.7	.8	.9	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	.0	.1	.2	.3	.4	.5	16410	16414		
46/ 45	.6	.7	.8	.9	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	.0	.1	.2	.3	.4	.5	13814	13816		
44/ 43	.6	.7	.8	.9	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	.0	.1	.2	.3	.4	.5	10073	10076		
42/ 41	.6	.7	.8	.9	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	.0	.1	.2	.3	.4	.5	7602	7603		
40/ 39	.5	.6	.7	.8	.9	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	.0	.1	.2	.3	.4	.5	5539	5539	
Element (X)	Z X ²	Z X	X	X ²	No. Obs.													Mean No. of Hours with Temperature						
Rel. Hum.																		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
lb																								
lb																								
Dew Point																								

0-26-5 (OLA) FORM JK-4 USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3

23211 HAMILTON AFB CALIF/SAN RAFAEL 1970

STATION

STATION NAME

YEARS

ALL

MONTH

PAGE 2

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL D.B. W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	Dry Bulb	Wet Bulb	Dew Point
38/ 37	.3	.7	.2	.1	.0	.0												3550	3532	5643
36/ 35	.2	.5	.1	.0	.0	.0												2467	2467	8463
34/ 33	.1	.3	.1	.0	.0													1384	1384	6049
32/ 31	.1	.2	.0	.0	.0													834	834	4401
30/ 29	.0	.1	.0	.0	.0													401	401	3171
28/ 27	.0	.0	.0															146	146	1912
26/ 25	.0	.0	.0															35	35	1521
24/ 23	.0	.0																12	12	899
22/ 21																				8
20/ 19																				634
18/ 17																				308
16/ 15																				252
14/ 13																				164
12/ 11																				112
10/ 9																				58
8/ 7																				47
6/ 5																				40
4/ 3																				36
2/ 1																				24
0/ -1																				14
-2/ -3																				8
TOTAL	5.929	7.22	1.14	1.1	9.7	6.7	4.5	2.8	1.3	1.0	.7	.4	.3	.2	.1	.1	.0	278163	277975	
																		277988	277994	

REVISION OF FORMS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OLA) JUL 64

USAFETAC

Element (X)	ΣX^2	ΣX	X	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	1593127618	20436652	73.6	17.760	277974							
Alt	909672157	15631981	56.2	10.390	277974	45.3	1448.6	709.1	234.3	19.		8760
Ab	742733366	14212138	51.1	7.622	277974	89.4	158.7	13.6	.7			8760
Dew Point	626265737	13011515	46.8	7.870	277975	.4	430.9	22.3	3.2	.2		8760

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3 23211 HAMILTON AFB CALIF/SAN RAFAEL

STATION NAME

40-70

YEARS

JAN

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
78/ 77										.0	.0							1	1			
70/ 69										.0	.0							3	3			
68/ 67						.0				.0	.0							12	12			
66/ 65										.0	.0							10	10			
64/ 63										.0	.0							56	56			
62/ 61	.1	.2	.1	.1	.1	.0	.1	.1	.0	.1	.0							128	128			
60/ 59	.1	.6	.3	.3	.2	.1	.1	.1	.0	.0	.0							417	417	78	23	
58/ 57	.2	1.6	.8	.6	.4	.2	.1	.0	.0	.0	.0							920	920	328	156	
56/ 55	.6	2.2	1.3	.8	.5	.2	.1	.0	.0	.0	.0							1335	1335	701	692	
54/ 53	.8	2.4	2.1	.9	.4	.3	.1	.0	.0	.0	.0							1613	1613	1019	692	
52/ 51	1.2	3.6	2.0	1.0	.5	.3	.1	.0										2021	2021	1444	964	
50/ 49	1.7	4.4	2.7	1.2	.6	.3	.1	.0										2536	2536	2203	1429	
48/ 47	1.4	4.4	2.4	1.2	.5	.2	.1	.0										2343	2344	2253	1852	
46/ 45	1.7	5.3	2.0	1.0	.4	.2	.1											2478	2478	2532	1993	
44/ 43	1.8	4.3	1.8	.8	.2	.1	.0											2108	2109	2392	2186	
42/ 41	2.0	3.7	1.2	.5	.1	.1	.0											1762	1762	2387	2459	
40/ 39	1.8	3.5	1.3	.3	.1	.1	.0											1645	1645	2181	2136	
38/ 37	1.3	2.9	.7	.2	.1	.0												1214	1214	1614	1905	
36/ 35	1.1	2.3	.6	.2	.1	.0												1031	1031	1353	1661	
34/ 33	.6	1.5	.4	.1	.1													624	624	924	1366	
32/ 31	.5	1.1	.1	.1	.0													414	414	668	1102	
30/ 29	.2	.7	.1	.0	.0													249	249	417	781	
28/ 27	.2	.2	.0															96	96	227	552	
26/ 25	.0	.1	.0															23	23	96	433	
24/ 23		.0																8	8	22	270	
22/ 21																				8	165	
20/ 19																					91	
18/ 17																					79	
16/ 15																					67	
14/ 13																					52	
12/ 11																					36	
10/ 9																					27	
8/ 7																					29	
6/ 5																					13	
Element (X)		Z_X^2	Z_X	\bar{X}	σ_X	No. Obs.	Mean No. of Hours with Temperature														Total	
Rel. Hum.							$\leq 0^{\circ}\text{F}$	$\leq 32^{\circ}\text{F}$	$\geq 67^{\circ}\text{F}$	$\geq 73^{\circ}\text{F}$	$\geq 80^{\circ}\text{F}$	$\geq 93^{\circ}\text{F}$										
16																						
16																						
Dew Point																						

REvised 1963 EDITIONS OF THIS FORM ARE OBSOLETE
FORM 0-265-5 (OLA) JUL 64
USAFETAC

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL

40-70

STATION

STATION NAME

YEAR:

JAN

MONTH

ALL

U.S. SAFETYAC FORM 0-26-5 (OL A) EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL

40-70

STATION

STATION NAME

YEARS

FEB

MONTH

PAGE 1

ALL

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B.-W.B.	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
76/ 75																		1	1	
74/ 73																		2	2	
72/ 71																		8	8	
70/ 69																		35	35	
68/ 67																		77	77	
66/ 65																		172	172	
64/ 63																		263	263	3
62/ 61																		474	474	33 2
60/ 59	.1	.7	1.0	.9	.7	.6	.4	.3	.2	.1	.0							1006	1006	136 34
58/ 57	.2	1.9	1.4	1.4	.9	.5	.4	.2	.2	.1	.0							1461	1461	511 162
56/ 55	.6	3.0	2.0	1.9	.9	.5	.3	.1	.0									1954	1954	1132 376
54/ 53	.9	3.6	2.7	1.6	.8	.4	.3	.1	.0									2186	2186	1637 1054
52/ 51	.9	4.0	2.7	1.9	.7	.2	.1	.0										2154	2154	2014 1320
50/ 49	1.0	4.4	3.4	1.3	.5	.2	.1	.0										2295	2295	2447 1639
48/ 47	.7	4.5	2.8	1.2	.4	.2	.1	.0										2078	2078	2526 1823
46/ 45	1.1	5.4	1.8	.8	.2	.1	.0											2010	2010	2747 2195
44/ 43	1.0	4.0	1.3	.5	.2	.1												1521	1521	2363 2494
42/ 41	1.1	3.3	1.2	.4	.1	.0												1297	1297	1843 2402
40/ 39	.9	1.9	.8	.1	.0	.0												795	795	1407 1825
38/ 37	.6	1.5	.5	.1	.0	.0												575	575	914 1440
36/ 35	.5	.9	.2	.1	.0													371	371	692 1173
34/ 33	.2	.5	.1	.0	.0													175	175	329 910
32/ 31	.1	.2	.0	.0														70	70	166 638
30/ 29	.0	.1	.0															22	22	75 489
28/ 27	.0	.0																7	7	26 231
26/ 25																			6	192
24/ 23																				124
22/ 21																				106
20/ 19																				51
18/ 17																				49
16/ 15																				23
14/ 13																				23
12/ 11																				11
10/ 9																				9
Element (X)		Z_X^2	Z_X	\bar{X}	S_X	No. Obs.	Mean No. of Hours with Temperature												Total	
Rel. Hum.							$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$								
Dew Point																				

REPRODUCED BY AUTOMATIC DATA PROCESSOR
EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OLA)
JUL 54

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION STATION NAME

40-70

YEARS

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ALL

REvised EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature							
	Rel. Hum.	135600626	1651292	78.6	16.613	21007	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Temp	52978863	1044965	49.7	6.911	21009		3.2	3.9	1				672
Alt	49843624	973260	46.3	6.000	21009		8.7						672
Low Point	39397976	895836	42.6	7.538	21007		62.6						672

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3

23211 HAMILTON AFB CALIF/SAN RAFAEL

STATION NAME

39-70

YEARS

MAR
MONTH

PAGE 1

ALL

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B.-W.B.	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	Dry Bulb	Wet Bulb	Dew Point				
86/ 85											.0									2	2			
84/ 83											.0	.0								2	2			
82/ 81											.0	.0	.0	.0	.0	.0	.0			8	8			
80/ 79											.0	.0	.0	.0	.0	.0	.0			17	17			
78/ 77											.0	.0	.0	.0	.0	.0	.0			32	32			
76/ 75											.0	.1	.1	.0	.0	.0	.0			57	57			
74/ 73											.0	.0	.1	.1	.1	.1	.0			138	138			
72/ 71											.0	.1	.1	.1	.1	.1	.0			165	165			
70/ 69											.0	.1	.2	.2	.3	.2	.1	.1		241	241	1		
68/ 67											.0	.1	.2	.3	.2	.1	.1	.0		341	341	1	1	
66/ 65											.0	.1	.4	.5	.3	.3	.2	.1	.0		428	428	10	
64/ 63											.0	.0	.4	.7	.6	.4	.3	.2	.1		615	615	31	1
62/ 61											.0	.2	.7	.9	.7	.5	.3	.2	.0		807	807	128	2
60/ 59											.2	.8	1.4	1.4	.7	.5	.2	.1	.0		1274	1274	271	15
58/ 57											.1	.7	1.4	1.9	1.5	.7	.4	.2	.0		1635	1636	596	81
56/ 55											.1	2.0	2.3	2.2	1.5	.7	.2	.2	.0		2163	2164	1230	293
54/ 53											.2	2.6	3.0	2.2	1.2	.5	.1	.1			2310	2310	1843	752
52/ 51											.2	3.6	3.6	1.9	1.0	.4	.1	.0			2562	2562	2521	1257
50/ 49											.6	4.6	4.2	1.9	.6	.2	.1	.0			2873	2878	3159	1860
48/ 47											.5	4.7	3.1	1.5	.4	.1	.0				2436	2438	3440	2478
46/ 45											.4	4.3	2.3	1.1	.2	.1	.0				2019	2019	3334	2967
44/ 43											.4	3.4	1.7	.3	.0	.0					1465	1465	2486	3059
42/ 41											.6	2.3	1.0	.2	.0	.0					997	997	2022	2823
40/ 39											.5	1.4	.7	.1	.0						641	641	1353	2261
38/ 37											.3	.8	.2	.0							311	312	747	1904
36/ 35											.2	.4	.1	.0							166	166	382	1395
34/ 33											.1	.1	.0	.0							54	54	159	1002
32/ 31											.0	.0	.0								20	20	56	643
30/ 29																					2	2	10	400
28/ 27																					1	1	2	181
26/ 25																								1
24/ 23																								101
22/ 21																								77
20/ 19																								38
Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.						$\leq 0^{\circ}\text{F}$	$\leq 32^{\circ}\text{F}$	$\leq 67^{\circ}\text{F}$	$\leq 73^{\circ}\text{F}$	$\leq 80^{\circ}\text{F}$	$\leq 93^{\circ}\text{F}$	Total												
Ib																								
IIb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OL A) JUN 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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23211 HAMILTON AFB CALIF/SAN RAFAEL

39-70

STATION

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ALL

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb
18/ 17																		32	
16/ 15																		12	
14/ 13																		3	
12/ 11																		1	
10/ 9																		1	
TOTAL	4.031	224.816.210.1	5.8	3.2	2.3	1.3	.6	.3	.2	.1	.0						23782	23783	

REvised Pre-
EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OL-A)
JUL 64

USAFETAC

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	133801196	1736460	73.017.171	23782		.7	31.4	8.0	.5			744
lb	65351613	1234033	51.9 7.519	792		.7	31.4	8.0	.5			744
lb	53827239	1123836	47.3 5.502	783		2.2	0.1					744
Dew Point	44123273	1012343	42.0 6.533	62783		31.1	0.0					744

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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23211 HAMILTON AFB CALIF/SAN RAFAEL

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ALL

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL D.B./W.B.	TOTAL					
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
88/ 87																		5	5	
86/ 85																		27	27	
84/ 83							.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		47	47	
82/ 81							.0	.0	.0	.1	.0	.1	.0	.0	.0	.0		62	62	
80/ 79							.0	.0	.0	.1	.1	.1	.0	.0	.0	.0		100	100	
78/ 77							.0	.0	.1	.1	.2	.1	.1	.0	.0	.0		186	186	
76/ 75							.0	.0	.1	.2	.2	.2	.1	.0	.0	.0		215	215	
74/ 73							.0	.1	.1	.2	.3	.2	.1	.1	.0	.0		260	260	4
72/ 71							.1	.1	.3	.3	.3	.2	.1	.0	.0	.0		303	303	10
70/ 69	.0	.0	.1	.3	.5	.4	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0		456	456	35
68/ 67							.0	.2	.6	.8	.6	.3	.2	.1	.0	.0		630	631	49
66/ 65							.0	.1	.4	.8	1.0	.6	.3	.1	.0	.0		777	777	153
64/ 63							.0	.2	.0	1.2	1.0	.5	.3	.1	.0	.0		952	954	272
62/ 61							.1	.4	1.3	1.5	1.0	.5	.2	.1	.0	.0		1166	1166	423
60/ 59							.2	1.0	2.0	2.0	1.0	.3	.1	.0	.0	.0		1491	1492	717
58/ 57	.0	.7	1.6	2.2	1.7	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0		1649	1652	1100
56/ 55	.2	1.5	2.0	2.4	1.4	.5	.1	.0										2027	2031	1696
54/ 53	.1	2.2	3.9	2.1	.9	.2	.0	.0										2154	2157	2168
52/ 51	.2	3.8	4.1	1.8	.6	.1	.0	.0										2441	2445	2704
50/ 49	.4	5.2	4.1	1.4	.3	.1	.0											2640	2641	3389
48/ 47	.4	4.5	2.9	.8	.2	.0	.0											2027	2027	3344
46/ 45	.5	4.1	1.5	.4	.1	.0												1518	1518	2823
44/ 43	.5	2.6	.8	.2	.0													953	953	1950
42/ 41	.3	1.4	.4	.0														514	514	1114
40/ 39	.2	.7	.2	.0														248	248	646
38/ 37	.1	.4	.0															114	114	274
36/ 35	.0	.1	.0															34	34	111
34/ 33	.0	.0																5	8	20
32/ 31		.0																2	2	4
30/ 29	.0																	1	1	1
28/ 27																				63
26/ 25																				48
24/ 23																				28
22/ 21																				24
Element (X)		ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature													Total
Rel. Hum.							$\leq 0^{\circ}\text{F}$	$\leq 32^{\circ}\text{F}$	$\leq 67^{\circ}\text{F}$	$\geq 73^{\circ}\text{F}$	$\geq 80^{\circ}\text{F}$	$\geq 93^{\circ}\text{F}$								
-lb																				
+lb																				
Dew Point																				

FORM 0-26-5 (OLA) JUL 64
USAFETAC

3 DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70
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HOURS (L. S. T.)

SAFETAC FORM 0265 (01/01) **REVISED** **EDITIONS OF THIS FORM ARE OUTDATED**

DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL

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23211 HAMILTON AFB CALIF/SAN RAFAEL

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ALL
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	Dry Bulb	Wet Bulb	Dew Point
32 / 31																			65
30 / 29																			21
28 / 27																			11
26 / 25																			6
24 / 23																			2
22 / 21																			3
TOTAL	1.4	23.3	24.2	216.4	12.2	9.3	5.4	3.1	1.8	1.0	.8	.4	.3	.2	.1	.0	.0	23787	23713
																		23714	23715
0.265 (OL A)																			
FORM 64																			
USAFETAC																			
Element (X)	Z_X^2	Z_X	\bar{X}	r_X	No. Obs.	Mean No. of Hours with Temperature													
Rel. Hum.	124575380	1673962	70.6	16.430	23712	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Temp	83110556	1390078	58.4	8.381	237								131.0	53.4	18.3				744
Temp	66535529	1248893	52.7	5.681	237								10.6	,6					744
Dew Point	55268851	1137241	48.0	3.542	23713								3.4	1.0	,1				744

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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23211 HAMILTON AFB CALIF/SAN RAFAEL STATION NAME

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HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point			
106/105																		.0	.0	.0	2	2	
104/103																		.0	.0	.0	3	3	
102/101																		.0	.0	.0	3	3	
100/ 99																		.0	.0	.0	2	2	
98/ 97																		.0	.0	.0	19	19	
96/ 95																		.0	.0	.0	38	38	
94/ 93																		.0	.0	.0	51	51	
92/ 91																		.0	.0	.0	78	78	
90/ 89																		.0	.0	.0	117	117	
88/ 87																		.0	.0	.0	140	140	
86/ 85																		.0	.0	.0	217	217	
84/ 83																		.0	.0	.0	232	232	
82/ 81																		.0	.0	.0	251	252	
80/ 79																		.0	.0	.0	419	420	
78/ 77																		.0	.0	.0	522	522	
76/ 75																		.0	.0	.0	703	704	
74/ 73																		.0	.0	.0	816	816	
72/ 71																		.0	.0	.0	974	974	
70/ 69																		.0	.0	.0	1293	1293	
68/ 67																		.0	.0	.0	1318	1318	
66/ 65																		.0	.0	.0	1394	1394	
64/ 63																		.0	.0	.0	1381	1381	
62/ 61																		.0	.0	.0	1395	1395	
60/ 59																		.0	.0	.0	1567	1567	
58/ 57																		.0	.0	.0	1755	1755	
56/ 55																		.0	.0	.0	1994	1994	
54/ 53																		.0	.0	.0	2280	2280	
52/ 51																		.0	.0	.0	2138	2138	
50/ 49																		.0	.0	.0	1483	1483	
48/ 47																		.0	.0	.0	916	916	
46/ 45																		.0	.0	.0	260	260	
44/ 43																		.0	.0	.0	1191	1191	
42/ 41																		.0	.0	.0	90	90	
40/ 39																		.0	.0	.0	14	14	
Element (X)	Z _{X²}	Z _{X¹}	X	Z _X	No. Obs.	Mean No. of Hours with Temperature																Total	
Rel. Hum.																		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
%lb																							
°F																							
Dew Point																							

FORM 0-26-5 (OL-A) REvised N-1
NR 44 EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL

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ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30				
38/ 37																	110			
36/ 35																	69			
34/ 33																	28			
32/ 31																	16			
30/ 29																	11			
28/ 27																	6			
26/ 25																	16			
24/ 23																	6			
22/ 21																	1			
TOTAL	.617	.423	.115	.812	.710	.27.3	4.4	2.9	2.0	1.2	.8	.6	.5	.2	.2	.1	22301	22298	22295	
																	22298	22295		

REMOVED FOR 475 EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OL-A) JUL 64

USAFETAC

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	108665472	1509184	67.7	17.100	22298							720
lb	89849946	1398960	62.7	9.683	301							720
lb	70169312	1244384	55.8	5.698	398							720
Dew Point	57979813	1130441	50.7	5.481	22298							720

**DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC**

PSYCHOMETRIC SUMMARY

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HOURS (L. S.)

DATA PROCESSING DIVISION
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HOURS (L. S. T.)

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Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B. W.B.	TOTAL		HOURS (C. S. 17)		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27	28	29-30	> 31	Dry Bulb	Wet Bulb	Dew Point
34/ 33																					2
32/ 31																					3
30/ 29																					1
28/ 27																					2
TOTAL	.823	.321	.514	.311	.89.4	7.2	4.7	3.0	1.8	1.0	.6	.2	.2	.1	.0	.1	23787	23781	23781	23777	

DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL

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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B.-W.B.	TOTAL				
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
102/101																		0	0	2
100/ 99																		0	0	2
98/ 97																		0	0	2
96/ 95																		0	0	2
94/ 93																		0	0	2
92/ 91																		0	0	2
90/ 89																		0	0	2
88/ 87																		0	0	2
86/ 85																		0	0	2
84/ 83																		0	0	2
82/ 81																		0	0	2
80/ 79																		0	0	2
78/ 77																		0	0	2
76/ 75																		0	0	2
74/ 73																		0	0	2
72/ 71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	
70/ 69																		0	0	2
68/ 67																		0	0	2
66/ 65																		0	0	2
64/ 63																		0	0	2
62/ 61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	
60/ 59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	
58/ 57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	
56/ 55	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	0	0	0	
54/ 53	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	0	0	0	
52/ 51	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	0	0	0	
50/ 49	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	0	0	0	
48/ 47	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	0	0	0	
46/ 45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	
44/ 43																		0	0	0
42/ 41																		0	0	0
40/ 39																		0	0	0
38/ 37																		0	0	0
36/ 35																		0	0	0
Element (X)		Z X ²	Z X	X	X ⁻¹	No. Obs.	Mean No. of Hours with Temperature													
Rel. Hum.							≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total							
D.B. Point																				

USAFETAC
FORM 0-26-5 (OLA)
JUL 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70
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OUR HOURS (L. S.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	x 31	Dry Bulb	Wet Bulb	Dew Point		
34 / 33																					3	
32 / 31																					1	
30 / 29																					1	
28 / 27																					3	
26 / 25																					3	
TOTAL	1.02	3.42	2.41	5.15	1.11	5.5	9.0	6.7	4.2	2.8	1.5	.9	.6	.4	.3	.1	.1	.0	23803		23777	
																			23778		23778	

SAFETAC FORM 0-265 (01 A) MARCH 1968 EDITION OF THIS FORM IS OBSOLETE

Element (X)	Z_X'	Z_X	X	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
	Rel. Hum.	126468787	1690391	71.1		23778	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	
1 lb	97826625	1509683	63.4	9.340	103				264.9	141.1	42.5	2,
2 lb	78420537	1329675	57.2	5.314	78				31.3	1.7	0	744
Dew Point	66999567	1257971	52.9	4.321	777				3.8	0.5		744

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL
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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B.-W.B.	Dry Bulb	TOTAL	Wet Bulb	Dew Point	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31									
106/105																					0	2	2			
104/103																				0	0	4	4			
102/101																				0	0	5	5			
100/ 99																				0	0	24	24			
98/ 97																				0	0	36	36			
96/ 95																				0	0	48	48			
94/ 93																				0	0	0	0			
92/ 91																				1	1	71	71			
90/ 89																				1	1	90	90			
88/ 87																				2	2	125	125			
86/ 85																				2	2	206	206			
84/ 83																				2	2	218	218			
82/ 81																				2	2	302	302			
80/ 79																				2	2	357	357			
78/ 77																				2	2	479	480			
76/ 75																				2	2	582	582			
74/ 73																				2	2	841	841			
72/ 71																				2	2	920	920			
70/ 69																				2	2	1132	1132			
68/ 67																				2	2	1132	1132			
66/ 65																				2	2	1334	1334			
64/ 63																				2	2	1340	1340			
62/ 61																				2	2	1412	1412			
60/ 59																				2	2	1451	1453			
58/ 57																				2	2	1626	1626			
56/ 55																				2	2	1875	1878			
54/ 53																				2	2	1947	1950			
52/ 51																				2	2	2002	2006			
50/ 49																				2	2	1842	1844			
48/ 47																				2	2	1308	1308			
46/ 45																				2	2	1626	1626			
44/ 43																				2	2	1875	1878			
42/ 41																				2	2	1947	1950			
40/ 39																				2	2	2002	2006			
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																				
Rel. Hum.																				≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
1 lb																										
2 lb																										
Dew Point																										

USAFETAC FORM 0-26-5 (OLA) JUL 64

**DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC**

3

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL

STATION

STATION NAME

39-70

YEARS

SEP

MONTH

PAGE 2

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL D.B. W.B.	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
38/ 37																															12	216
36/ 35																															3	125
34/ 33																															2	106
32/ 31																																120
30/ 29																																68
28/ 27																																40
26/ 25																																31
24/ 23																																19
22/ 21																																9
20/ 19																																5
18/ 17																																5
16/ 15																																10
14/ 13																																4
TOTAL	1.8	21.0	20.9	15.1	11.5	8.7	6.6	4.1	2.8	2.0	1.7	1.1	.9	.8	.5	.3	.2		23010		22992									22995	22995	

REvised RV 45 editions of this form are obsolete

FORM 0-26-5 (OLA) JUL 64

USAFETAC

Element (X)	Z_X^1	Z_X	X	σ_X	No. Obs.	Mean No. of Hours with Temperature						Total
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	116508371	1577483	68.618.974	22992								
lb	95227128	1461806	63.510.127	110				254.0	134.9	54.1	5.7	720
lb	74456541	1301479	56.63.880	93				32.3	2.9	.3		720
Dew Point	61935139	1184585	51.56.268	22992				9.7	4.8	.8	.1	720

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL STATION NAME

39-70

YEARS

OCT
MONTH

PAGE 1

ALL

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point		
96/ 95																		.0	3	3		
94/ 93																		.0	4	4		
92/ 91																		.0	4	4		
90/ 89																		.0	31	31		
88/ 87																		.0	46	46		
86/ 85																		.0	101	101		
84/ 83																		.0	137	137		
82/ 81																		.0	163	163		
80/ 79																		.0	228	228		
78/ 77																		.0	305	305		
76/ 75																		.0	439	439		
74/ 73																		.0	564	564	3	
72/ 71																		.0	717	717	18	
70/ 69																		.0	1016	1017	58	2
68/ 67	.0	.0	.2	.3	1.3	.9	.6	.4	.4	.3	.2	.1	.1	.0				.0	1105	1106	98	9
66/ 65	.0	.1	.6	1.3	1.4	.9	.6	.3	.2	.1	.0							.0	1322	1322	294	39
64/ 63	.0	.5	1.3	1.7	1.3	.8	.4	.3	.1	.1	.0							.0	1566	1566	670	105
62/ 61	.1	1.1	1.7	2.1	1.3	.7	.4	.2	.2	.0								.0	1859	1859	1363	276
60/ 59	.2	2.1	2.7	2.1	1.1	.6	.4	.2	.1									.0	2229	2230	2226	692
58/ 57	.2	2.8	3.2	1.7	.7	.5	.2	.1	.0									.0	2221	2222	2394	1282
56/ 55	.4	3.2	3.0	1.3	.6	.3	.1	.1	.0									.0	2184	2185	3146	1970
54/ 53	.5	3.2	2.5	.9	.5	.3	.1	.0										.0	1924	1925	2964	2328
52/ 51	.7	3.3	1.9	.7	.4	.2	.1											.0	1850	1853	2722	2877
50/ 49	1.0	3.0	1.5	.5	.4	.2	.0											.0	1549	1551	2577	3064
48/ 47	.6	2.1	.8	.4	.2	.1	.0											.0	1002	1003	1963	2643
46/ 45	.5	1.3	.4	.2	.1	.0												.0	614	614	1334	2187
44/ 43	.2	.6	.2	.1	.1													.0	311	311	788	1530
42/ 41	.1	.2	.1	.1	.0													.0	147	147	467	1242
40/ 39	.1	.2	.1	.0	.0													.0	90	90	263	797
38/ 37	.0	.1	.0	.0	.0													.0	33	33	132	670
36/ 35	.0	.0																.0	5	5	72	481
34/ 33	.0																	.0	2	2	15	350
32/ 31																			5	5	256	
30/ 29																			1	1	237	
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.														Mean No. of Hours with Temperature			
Rel. Hum.																		≤ 0 F	≤ 32 F	≤ 67 F	≤ 80 F	≤ 93 F
lb																					Total	
lb																						
Dew Point																						

REVISION NO. AS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OLA) JUN 64 USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL

39-70

OCT

MONTH

ALL

HOURS (L. S. T.)

PAGE 2

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31							
28/ 27																					166			
26/ 25																					177			
24/ 23																					86			
22/ 21																					41			
20/ 19																					19			
18/ 17																					26			
16/ 15																					8			
14/ 13																					2			
12/ 11																					3			
10/ 9																					1			
8/ 7																					↓			
TOTAL	4,724	420	314	610	8	7.6	5.4	3.8	2.8	1.9	1.6	1.1	.6	.2	.1	.0	.0	23783	23773	23771	23773			

REMOVED FROM THIS FORM ARE OBSERVATIONS
0265 (OL AL) FORM 64 USAFETAC APR 64

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	125915573	1662639	69.920,126	23772								
lb	85744346	1412098	59.4 8.943	63				152.2	63.3	19.4		744
lb	68329020	1266696	53.3 5.929	73				.2	5.2	.1		744
Dew Point	56324086	1193230	48.1 7.327	23773				32.0	.3			744

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

NOV

MONTH

PAGE 1

ALL

HOURS (L, S, T)

YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point		
84/ 83																			1	1		
82/ 81																			4	4		
80/ 79																			8	8		
78/ 77																			28	28		
76/ 75																			62	62		
74/ 73																			92	92		
72/ 71																			125	125		
70/ 69																			225	225	2	
68/ 67																			334	334	8	
66/ 65																			486	486	38	1
64/ 63	.0	.2	.3	.7	.6	.5	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	717	717	93	14	
62/ 61	.1	.6	.7	1.0	.9	.6	.5	.2	.1	.0								1086	1086	270	96	
60/ 59	.1	1.5	1.7	1.6	1.3	.6	.5	.2	.1	.0								1728	1728	550	209	
58/ 57	.3	2.6	2.8	1.8	1.1	.6	.3	.1	.0									2209	2211	1154	524	
56/ 55	.8	3.4	3.0	1.9	1.0	.6	.2	.1	.0									2522	2523	2004	1029	
54/ 53	1.1	3.5	3.0	1.5	.7	.4	.2	.0										2413	2413	2666	1627	
52/ 51	1.1	3.7	2.7	1.2	.7	.3	.1	.0										2256	2256	2771	2069	
50/ 49	1.3	3.8	2.4	1.1	.4	.2	.1	.0										2136	2136	2899	2293	
48/ 47	1.2	3.5	1.6	.9	.3	.1	.0											1780	1780	2680	2479	
46/ 45	1.2	3.3	1.3	.6	.2	.1	.0											1496	1496	2279	2490	
44/ 43	.9	2.3	1.1	.3	.1	.0												1102	1102	1758	2192	
42/ 41	.8	2.0	.6	.2	.1	.0												830	830	1398	1857	
40/ 39	.6	1.5	.4	.2	.0													617	617	1053	1535	
38/ 37	.3	1.1	.3	.1	.0													394	394	595	1365	
36/ 35	.2	.5	.2	.0														215	215	404	1011	
34/ 33	.1	.3	.0															100	100	247	728	
32/ 31	.0	.1	.0															42	42	111	496	
30/ 29	.0	.0	.0															14	14	33	354	
28/ 27	.0	.0																2	2	11	207	
26/ 25	.0																	1	1	3	171	
24/ 23																					98	
22/ 21																					76	
20/ 19																					52	
18/ 17																					20	
Element (X)	Z_X^2	Z_X	\bar{X}	S_X	No. Obs.	Mean No. of Hours with Temperature																
Ref. Hum.						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
1lb																						
2lb																						
Dew Point																						

0-26-5 (OLA)
FORM NO. 3
USAFETAC

**DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC**

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

NGV

MONTH

PAGE 2

HOURS (L. S. T.)

REVISION 3 EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION STATION NAME

39-70

YEARS

DEC

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Po...
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30			
76/ 75										.0	.0						3	3	
74/ 73										.0	.0						3	3	
72/ 71										.0	.0						6	6	
70/ 69										.0	.0						12	12	
68/ 67										.0	.0						24	24	
66/ 65										.0	.0						52	52	
64/ 63										.1	.1						117	117	
62/ 61	.0	.0	.1	.1	.0	.0	.1	.1	.1	.0	.0						311	311	19 3
60/ 59	.1	1.1	.4	.5	.2	.2	.2	.1	.1	.1	.0						649	649	193 74
58/ 57	.3	1.8	.8	.6	.4	.3	.1	.1	.0								1051	1052	481 269
56/ 55	.7	2.4	1.3	1.0	.7	.4	.1	.0	.0								1587	1587	860 619
54/ 53	1.0	3.1	1.9	1.2	.7	.3	.1	.0									1970	1970	1274 853
52/ 51	1.3	3.5	2.3	1.3	.6	.2	.1	.1									2185	2185	1790 1192
50/ 49	1.6	4.1	3.0	1.2	.6	.3	.1	.0									2571	2571	2190 1546
48/ 47	1.6	5.0	2.3	1.1	.4	.2	.0										2543	2543	2611 1823
46/ 45	1.8	6.0	1.9	1.0	.3	.1	.0										2644	2646	3102 2198
44/ 43	2.0	5.2	1.6	.5	.2	.0	.0										2235	2237	2624 2711
42/ 41	3.9	4.5	1.1	.4	.1	.0	.0										1925	1926	2479 2704
40/ 39	1.6	3.2	.9	.3	.1	.0											1432	1432	2259 2451
38/ 37	1.0	2.0	.6	.1	.0	.0											900	901	1316 2071
36/ 35	.7	1.5	.4	.0	.0	.0											644	644	928 1497
34/ 33	.4	1.1	.3	.0	.0												421	421	637 1021
32/ 31	.3	.8	.1	.0													286	286	464 833
30/ 29	.1	.3	.0														113	113	259 653
28/ 27	.0	.1	.0														40	40	99 450
26/ 25	.0	.0	.0														11	11	24 301
24/ 23	.0	.0															4	4	12 165
22/ 21																			129
20/ 19																			47
18/ 17																			34
16/ 15																			26
14/ 13																			15
12/ 11																			5
10/ 9																			7
Element (X)	Z_X^2	Z_X	\bar{X}	σ_X	No. Obs.	Mean No. of Hours with Temperature												Total	
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$								
1 lb																			
2 lb																			
Dew Point																			

USAFETAC FORM 0-26-5 (OL-A) JUL 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION STATION NAME

39-70

YEARS

DEC

MONTH

PAGE 2

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL D.B.-W.B.	TOTAL			
	0	1-2	3-4	5-6	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb
87																		4
65																		19
43																		10
21																		5
TOTAL	16.4	46.1	19.2	9.7	4.6	2.2	1.0	.5	.2	.1	.0	.0				23788	23781	
																23781	23781	

USAFETAC FORM 0-26-5 (01) 11/1968 EDITION 2 THIS FORM AND ONLY THIS

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL STATION NAME

40-70

YEARS

JAN

MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																													TOTAL D.B.-W.B.	TOTAL									
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	Dry Bulb	Wet Bulb	Dew Point												Dry Bulb	Wet Bulb	Dew Point						
60/ 59	.0	.3																														12	12	1	1					
58/ 57	.3	1.0	.3	.2																											52	52	29	11						
56/ 55	.8	2.1	.5																												101	101	64	54						
54/ 53	1.1	2.0	.9	.1	.1	.0	.1																						123	123	97	79								
52/ 51	1.5	3.3	.9	.1	.1	.0	.1																						169	169	130	101								
50/ 49	2.7	2.5	1.0	.4	.1	.1	.1																					227	227	221	166									
48/ 47	1.7	4.5	1.1	.6	.1	.1	.1																					233	233	181	193									
46/ 45	2.0	5.5	1.4	1.0	.2	.1	.0																					293	293	235	205									
44/ 43	2.6	5.4	1.6	.7	.0	.0	.0																					300	300	269	222									
42/ 41	3.2	5.4	1.3	.3	.1	.1																						299	299	326	279									
40/ 39	2.3	6.4	1.6	.5	.1	.2																						321	321	333	263									
38/ 37	2.3	4.5	1.0	.3	.1																							236	236	273	303									
36/ 35	1.4	5.5	1.0	.3	.1																							239	239	236	211									
34/ 33	1.0	2.5	.7	.1	.0																							124	124	214	209									
32/ 31	.6	2.1	.3	.2	.0																							91	91	126	197									
30/ 29	.3	1.0	.2																									42	42	93	123									
28/ 27	.2	.2																										10	10	27	79									
26/ 25	.0	.1																										3	3	18	63									
24/ 23																																2	40							
22/ 21																																			23					
20/ 19																																				13				
18/ 17																																				6				
16/ 15																																					7			
14/ 13																																					9			
12/ 11																																						5		
10/ 9																																					5			
.8/ 7																																					4			
4/ 3																																					2			
2/ 1																																					1			
TOTAL	24.255	213.9	4.7	.9	.7	.4	.1																											2875		2874				
																																					2875		2875	

Element (X)	ΣX^2	ΣX	X	\bar{x}_x	No. Obs.	Mean No. of Hours with Temperature				
						$\leq 0^{\circ}\text{F}$	$\leq 32^{\circ}\text{F}$	$\leq 67^{\circ}\text{F}$	$\leq 73^{\circ}\text{F}$	$\leq 80^{\circ}\text{F}$
Rol. Hum.	22165925	249772	86.9	12.677	2874					
lb	5507382	124336	43.2	6.733	2875	4.7				
lb	5104493	119919	41.6	6.884	2875	8.0				
Dew Point	4649622	113062	39.3	8.381	2874	18.7				

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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23211 HAMILTON AFB CALIF/SAN RAFAEL

STATION NAME

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YEARS

JAN

MONTH

PAGE 1 0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL D.B.-W.B.	TOTAL				
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb
62/ 61		.0															1	1	1
60/ 59		.5	.0														14	14	1
58/ 57	.2	1.0	.1	.1													42	42	27
56/ 55	.9	1.9	.6	.0													99	99	68
54/ 53	1.1	1.1	.6	.1													85	85	79
52/ 51	1.6	3.6	.9	.1	.0												182	182	121
50/ 49	2.4	3.3	1.0	.3	.1	.1											206	206	198
48/ 47	2.5	3.7	.7	.3	.1	.1	.0										215	215	199
46/ 45	2.6	4.1	.9	.6	.0	.1	.1										242	242	216
44/ 43	2.8	4.5	1.2	1.0	.1	.0	.0										280	280	237
42/ 41	3.5	4.4	1.1	.2	.0	.1											270	270	273
40/ 39	3.7	5.3	1.4	.3	.0	.0											307	307	324
38/ 37	3.0	4.8	.9	.3	.1	.1											262	262	290
36/ 35	2.7	5.1	.7	.4	.2												258	258	258
34/ 33	1.4	3.4	.8	.2	.0												167	167	193
32/ 31	1.1	2.6	.3	.3	.0												124	124	175
30/ 29	.4	2.2	.3	.1													86	86	103
28/ 27	.3	.8	.0														32	32	84
26/ 25	.1	.2	.0														8	8	30
24/ 23	.1																2	2	54
22/ 21																		2	23
20/ 19																			10
18/ 17																			9
16/ 15																			11
14/ 13																			10
12/ 11																			4
10/ 9																			2
8/ 7																			9
6/ 5																			3
4/ 3																			1
2/ 1																			1
TOTAL	30.252	2.411	7.4.3	.8	.5	.2	.0										2882	2882	
																	2882	2882	

Element (X)	Z_X^2	Z_X	\bar{X}	S_X	No. Obs.	Mean No. of Hours with Temperature				
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F
Rel. Hum.	22873038	254352	88.7	12.147	2882					
W.b.	5299530	121848	42.3	7.165	2882					
A.b.	4958193	117081	40.8	7.205	2882					
Dew Point	4538916	111872	38.8	8.665	2882					
						20.7				

REvised editions of this form are obsolete

FORM 0-26-5 (OL-A)
JUL 64

USAFETAC

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL

STATION NAME

40-70

YEARS

JAN

MONTH

PAGE 1 0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	Dry Bulb	Wet Bulb	Dew Point				
62/ 61		.0																2	2					
60/ 59		.3	.0															11	11	2	2			
58/ 57	.2	1.6	.1	.0														55	55	33	14			
56/ 55	.5	1.9	.3	.0														78	78	55	50			
54/ 53	.8	1.4	.9															89	89	85	77			
52/ 51	1.8	2.5	1.0	.1	.1													158	158	107	86			
50/ 49	2.5	4.5	.9	.0	.1													233	233	205	143			
48/ 47	2.0	3.4	1.1	.3	.1	.0												197	197	204	202			
46/ 45	2.3	4.6	.9	.5	.4	.3												257	257	204	215			
44/ 43	2.7	4.4	1.4	.7	.0	.1												268	268	241	195			
42/ 41	3.4	4.1	1.6	.5														273	273	256	242			
40/ 39	3.8	4.0	1.1	.4														271	271	304	267			
38/ 37	2.7	4.7	.8	.2	.1													246	246	261	219			
36/ 35	3.0	4.2	1.1	.3	.0													247	247	277	250			
34/ 33	1.8	3.5	.9	.1	.2													186	186	195	208			
32/ 31	1.6	2.7	.3	.3	.1													144	144	178	199			
30/ 29	.9	2.2	.2	.2														97	97	132	142			
28/ 27	.7	1.0	.1															51	51	90	109			
26/ 25	.1	.3																12	12	35	102			
24/ 23	.2																	6	6	14	62			
22/ 21																				5	35			
20/ 19																					9			
18/ 17																					11			
16/ 15																					11			
14/ 13																					5			
12/ 11																					5			
10/ 9																					2			
8/ 7																					5			
6/ 5																					3			
4/ 3																					3			
2/ 1																					1			
0/ -1																					1			
TOTAL	30.651	51.5	12.6	3.6	1.1	.4	.1											2883	2883	2883	2883			
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.													Mean No. of Hours with Temperature						
Rel. Hum.	22871649	254355	88.2	12.228	2883													$\leq 0^{\circ}\text{F}$	$\leq 32^{\circ}\text{F}$	$\geq 67^{\circ}\text{F}$	$\geq 73^{\circ}\text{F}$	$\geq 80^{\circ}\text{F}$	$\geq 93^{\circ}\text{F}$	Total
Temp	5242729	121083	42.0	7.389	2883													10.0						93
Wind	4900650	116896	40.5	7.472	2883													14.6						93
Dew Point	4505807	111111	38.3	8.807	2883													22.7						93

REVISIONS IN THIS FORM ARE OBSOLETE
FORM 0-26-5 (OL-A) JUL 64

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3 23211 HAMILTON AFB CALIF/SAN RAFAEL 40-70

YEARS

JAN
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	NET BULB TEMPERATURE DEPRESSION (F)													TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	x 31	Dry Bulb	Wet Bulb	Dew Point
66/ 65																		1	1	
64/ 63																		3	3	
62/ 61		.1	.1	.1														10	10	
60/ 59	.1	1.0	.4	.1														53	53	10 4
58/ 57	.3	1.7	.9	.4														103	103	54 25
56/ 55	.3	2.3	1.6	.8	.3	.2	.0	.1										163	163	84 63
54/ 53	.7	2.6	2.3	1.7	.6	.1	.1	.1										208	208	125 80
52/ 51	1.2	3.8	2.3	1.2	.4	.4	.1	.1										272	272	174 134
50/ 49	1.3	4.7	2.9	1.4	.8	.7	.2	.0										342	342	261 169
48/ 47	1.6	5.0	2.5	1.5	.9	.3	.0											341	341	296 243
46/ 45	1.5	5.9	2.4	1.3	.8	.1	.1											347	347	339 262
44/ 43	2.1	6.8	2.6	.8	.3	.1	.0											311	312	362 274
42/ 41	1.9	4.0	1.3	.7	.3	.1												242	242	345 337
40/ 39	1.8	3.2	1.2	.4	.3	.2												206	206	308 274
38/ 37	1.0	2.4	.7	.3	.1	.2												135	135	199 266
36/ 35	.8	1.0	.5	.1	.0													70	70	151 202
34/ 33	.3	.9	.2	.0	.0													45	45	78 142
32/ 31	.3	.4	.0															21	21	63 114
30/ 29	.1	.1																5	5	24 89
28/ 27	.0																	1	1	6 61
26/ 25																				41
24/ 23																				30
22/ 21																				20
20/ 19																				9
18/ 17																				6
16/ 15																				10
14/ 13																				2
12/ 11																				4
10/ 9																				7
8/ 7																				3
6/ 5																				2
4/ 3																				3
2/ 1																				2
0/-1																				2
Element (X)	Z_x^2	Z_x	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature													Total	
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$									
16																				
16																				
Dew Point																				

REMOVED PER DIRECTIVE 5010-2. EDITIONS OF THIS FORM ARE OBSOLETE

0-26-S (OL-A) FORM 14 USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION STATION NAME

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PAGE 2 0900-1100
HOURS (L. S. T.)

JSAFETAC FORM 0265 (01) APR 1970 EDITION NO. 1 OF THIS FORM AND ALL EDITIONS PREVIOUS TO THIS ONE ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3 2321 HAMILTON AFB CALIF/SAN RAFAEL STATION NAME

40-70

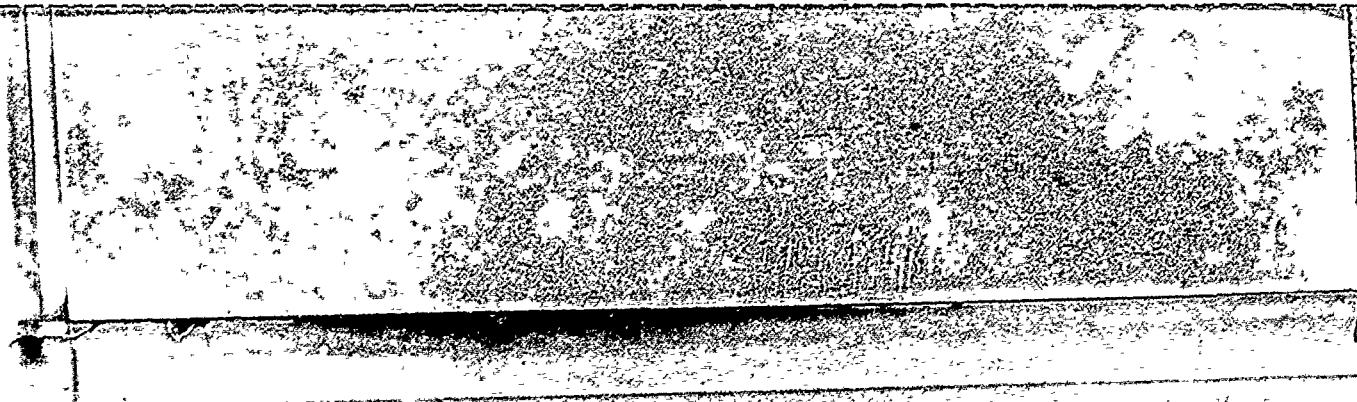
JAN

YEARS

MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point		
70/ 69						.0				.0								1	1			
68/ 67										.1	.1							5	5			
66/ 65										.0	.0	.1						4	4			
64/ 63						.3	.2	.1	.0	.3	.1	.1						32	32			
62/ 61						.3	.7	.3	.2	.1	.3	.1	.1					61	61			
60/ 59	.1	1.0	1.3	1.1	.9	.6	.3	.2	.0	.0								160	160	31	10	
58/ 57	.2	2.3	1.8	1.9	1.5	.9	.2	.1	.1	.1								257	257	67	37	
56/ 55	.2	2.6	2.8	2.5	1.5	.9	.5	.1	.2									329	329	136	67	
54/ 53	.4	2.4	4.4	2.3	1.3	1.0	.5	.0	.0	.1								359	359	211	111	
52/ 51	.5	3.3	3.4	2.6	1.7	.8	.5	.1										373	373	277	160	
50/ 49	.8	4.0	3.7	2.2	1.4	.7	.2	.1										378	378	406	196	
48/ 47	.6	3.4	3.1	1.8	.9	.6	.2	.0										307	308	380	288	
46/ 45	.7	4.4	2.2	1.2	.6	.3	.1											276	276	388	300	
44/ 43	.6	2.4	1.2	.5	.4	.1	.1											153	153	374	332	
42/ 41	.8	1.5	.6	.2	.1	.0	.1											96	96	251	331	
40/ 39	.3	1.1	.2	.0	.0	.0	.0											51	51	185	234	
38/ 37	.3	.3	.1	.1														22	22	103	200	
36/ 35	.1	.5																17	17	40	161	
34/ 33		.0																1	1	23	123	
32/ 31																				6	79	
30/ 29																				4	55	
28/ 27																					46	
26/ 25																					45	
24/ 23																					25	
22/ 21																					18	
20/ 19																					13	
18/ 17																					10	
16/ 15																					8	
14/ 13																					4	
12/ 11																					3	
10/ 9																					5	
8/ 7																					5	
6/ 5																					2	
4/ 3																					3	
Element (X)	Z_X^2	Z_X	X	σ_X	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
USAFETAC FORM 0-26-5 (OLA) JUN 64																						



DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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23211 HAMILTON AFB CALIF/SAN RAFAEL

40-70

STATION

STATION NAME

YEARS

JAN

MONTH

PAGE 2

1200-1400

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	Dry Bulb	Wet Bulb	Dew Point				
27 1																					2			
0 / -1																					3			
TOTAL	5.6	29.6	25.7	17.0	10.7	6.2	3.4	.9	.8	.1										2883	2882	2882	2882	

REMOVED RECENT EDITIONS OF THIS FORM ARE OBSOLETE
0-26-S (CLA) FORM 64 USAFETAC

Element (X)	Z X'	Z X	X	X'	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	10392572	211080	73.2	17.999	2882							
Dom.	7638819	167471	51.2	3.600	2882							
Wind	6405309	124981	46.8	3.379	2882							
Dew Point	5286233	120977	42.0	8.997	2882	.1	10.3					

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL STATION

40-70

YEARS

JAN

MONTH

PAGE 1

1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31							
78/ 77																					1	1		
70/ 69																					2	2		
68/ 67																					6	6		
66/ 65																					5	5		
64/ 63																					19	19		
62/ 61																					46	46		
60/ 59	.2	.9	.7	.7	.6	.6	.6	.6	.2	.2	.2	.0								119	119	23	3	
58/ 57	.1	2.4	2.3	1.8	1.8	1.8	1.8	1.8	.4	.4	.2	.1								277	277	51	26	
56/ 55	.6	2.6	3.1	2.6	1.6	.3	.3	.3	.1	.1										319	319	139	77	
54/ 53	.6	2.6	4.3	2.9	1.1	.8	.3	.1	.1	.0										375	375	210	112	
52/ 51	.6	3.6	3.9	3.0	1.5	.8	.1	.1												391	391	281	160	
50/ 49	.8	4.5	5.4	2.7	2.0	.5	.2	.0												463	463	426	207	
48/ 47	.5	3.5	3.1	2.3	1.1	.4	.0													313	313	449	268	
46/ 45	.7	3.6	2.3	1.2	.9	.3	.2													264	264	402	341	
44/ 43	.4	2.1	1.0	.7	.2	.1														133	133	354	354	
42/ 41	.4	1.6	.5	.3	.1	.1	.0													87	87	242	330	
40/ 39	.1	.6	.2	.0	.1	.1	.0													34	34	160	260	
38/ 37	.0	.6	.1	.0																20	20	79	178	
36/ 35		.2	.0	.0																9	9	37	152	
34/ 33																						17	118	
32/ 31																							8	89
30/ 29																							4	64
28/ 27																							1	45
26/ 25																								22
24/ 23																								17
22/ 21																								17
20/ 19																								8
18/ 17																								9
16/ 15																								6
14/ 13																								9
12/ 11																								3
10/ 9																								4
8/ 5																								1
2/ 1																								1
Element (X)	Z _{X²}	Z _X	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																		Total
Rel. Hum.						$\leq 0^{\circ}\text{F}$	$\leq 32^{\circ}\text{F}$	$\geq 67^{\circ}\text{F}$	$\geq 73^{\circ}\text{F}$	$\geq 80^{\circ}\text{F}$	$\geq 93^{\circ}\text{F}$													
D																								
V																								
Dew Point																								

USAFETAC FORM 0-26-5 (OLA) JUN 64

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION STATION NAME

40-70

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1500-1700

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION STATION NAME

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PAGE 1 1800-2000

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	Dry Bulb	Wet Bulb	Dew Point
64/ 63									.1								2	2	
62/ 61		.1	.1						.0	.0							6	6	
60/ 59	.0	.0	.2	.0					.1	.0							28	28	4
58/ 57	.1	1.7	.2	.2	.1	.0	.1	.1									70	70	34
56/ 55	.6	2.4	1.4	.2	.2	.1	.1	.1									144	144	81
54/ 53	.8	4.1	1.8	.7	.3	.1											225	225	120
52/ 51	.9	5.0	2.3	1.1	.5	.1											284	284	190
50/ 49	1.1	5.9	4.8	1.7	.5	.2	.2										410	410	270
48/ 47	.9	6.0	5.3	1.8	.6	.2	.1		.0								423	423	314
46/ 45	1.6	7.2	3.6	1.5	.5	.1	.0										419	419	444
44/ 43	1.0	5.1	2.8	1.4	.2	.1											306	306	403
42/ 41	.9	3.3	2.0	1.0	.1	.1	.0										215	215	329
40/ 39	.7	2.7	2.0	.9	.2	.2											182	182	233
38/ 37	.2	1.9	.9	.2													91	91	185
36/ 35	.1	1.0	.3	.2	.1	.0											50	50	134
34/ 33	.1	.2	.2	.1	.1												21	21	68
32/ 31		.1	.0	.0													4	4	102
30/ 29	.0		.0														2	2	16
28/ 27																		9	45
26/ 25																		2	37
24/ 23																			16
22/ 21																			12
20/ 19																			9
18/ 17																			12
16/ 15																			8
14/ 13																			6
12/ 11																			6
10/ 9																			1
8/ 7																			1
6/ 5																			2
4/ 3																			1
2/ 1																			1
TOTAL	9.247	128.010	7.209	1.1	.7	.2	.0										2882	2882	2882

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0^{\circ}\text{F}$	$\leq 32^{\circ}\text{F}$	$\leq 67^{\circ}\text{F}$	$\leq 73^{\circ}\text{F}$	$\leq 80^{\circ}\text{F}$	$\leq 93^{\circ}\text{F}$	
Rel. Hum.	19515522	233772	81.1	13.857	2882							93
D	6486900	135850	47.1	5.376	2882							93
W	5789629	128127	44.5	5.693	2882							93
Dew Point	5083337	118963	41.3	7.740	2882							93

DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL

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2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
68/ 67										.0								1	1	
62/ 61	.1																	2	2	
60/ 59	.1	.5	.0							.0	.0							20	20	6
58/ 57	.4	1.1	.6	.0						.1	.0	.0						64	64	33
56/ 55	1.0	1.9	.5	.0						.0	.0							102	102	74
54/ 53	.7	3.0	1.2	.2	.1					.1								149	149	92
52/ 51	1.4	3.8	1.2	.1	.0	.1				.1								192	192	164
50/ 49	1.7	5.1	1.7	.7	.1	.1				.2								277	277	216
48/ 47	1.7	5.4	2.3	1.0	.1	.1				.2								314	314	230
46/ 45	2.0	7.3	2.5	1.0	.1	.2				.1								380	380	304
44/ 43	2.2	7.0	2.4	.6	.2	.0												357	357	352
42/ 41	1.7	5.5	1.5	.6	.2	.1				.1								278	278	365
40/ 39	1.7	4.8	2.2	.5	.1	.2												273	273	314
38/ 37	1.0	4.1	1.9	.3	.1													202	202	224
36/ 35	.9	2.7	1.2	.1														141	141	220
34/ 33	.5	1.4	.6	.2	.1													80	80	136
32/ 31	.1	.8	.0	.1														30	30	86
30/ 29	.1	.2	.3		.1													17	17	41
28/ 27		.1																2	2	10
26/ 25			.1																11	38
24/ 23																			2	26
22/ 21																			1	18
20/ 19																				20
18/ 17																				16
16/ 15																				6
14/ 13																				7
12/ 11																				4
10/ 9																				3
8/ 7																				2
4/ 3																				1
0/ -1																				2
-2/ -3																				
TOTAL	17.3	54.6	19.9	3.3	1.2	.9	.7	.1	.0	.0								2881	2881	2880
																		2881	2881	
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature													Total	
Rel. Hum.	21225731	244299	84.8	13.307	2881	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F								93	
	5900753	129169	44.8	6.165	31			1.6	0										93	
	5397749	123329	42.8	6.409	31			4.9											93	
Dew Point	4848368	115792	40.2	8.185	2880			14.5											93	

FORM 0-265 (OL A)
JUL 64

USAFETAC

DATA PROCESSING DIVISION
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3 23211 HAMILTON AFB CALIF/SAN RAFAEL

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PAGE 1 0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		
62/ 61			.0														1	1	
60/ 59	.1	.3	.2	.1	.0				.0								22	22	5
58/ 57	.5	1.3	.2		.1			.0		.0							62	62	32
56/ 55	.3	3.1	.6	.2		.1	.1										115	115	57
54/ 53	1.0	3.9	1.3	.2	.1	.0	.1	.1	.1								183	183	131
52/ 51	1.6	4.5	1.4	.5	.1	.1	.2	.1									221	221	188
50/ 49	1.4	5.4	2.3	.8	.2	.3	.1	.0									280	280	192
48/ 47	1.1	5.6	2.8	1.3	.5	.2	.1	.0									307	307	225
46/ 45	2.2	7.6	2.7	.8	.3	.2											361	361	324
44/ 43	1.7	7.9	2.9	.7	.1	.2											354	354	363
42/ 41	2.1	7.4	2.6	.5	.2												332	332	367
40/ 39	1.5	3.5	1.7	.3	.1												187	187	305
38/ 37	.6	2.4	.9	.2		.0											109	109	196
36/ 35	.6	1.2	.4	.0	.0												62	62	143
34/ 33	.2	.5	.2		.0												22	22	58
32/ 31	.0	.2	.0														8	8	23
30/ 29		.0															1	1	13
28/ 27																			69
26/ 25																			3
24/ 23																			33
22/ 21																			23
20/ 19																			13
18/ 17																			12
16/ 15																			8
14/ 13																			10
12/ 11																			3
10/ 9																			1
8/ 7																			2
6/ 5																			1
TOTAL	15.0	55.2	20.5	5.5	1.8	1.1	.6	.3	.0								2627	2627	2627
																	2627	2627	
Element (X)	Z _{X'}	Z _X	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature											Total		
Rel. Hum.	19293435	222433	84.7	13.224	2627	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F								
Dew Pt.	5677801	121263	46.2	3.522	2627														84
Wind	3180359	115687	44.0	3.718	2627														84
Dew Point	4637098	108886	41.4	7.407	2627														84

USAFETAC FORM 0-265 (OLAP) JUN 64

3 DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL

40-70

YEARS

FEB

MONTH

PAGE 1 0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
	0	1-2	3-4	5-6	7-8	9-10	11	12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	x 31																	
60/ 59	.1	.2																													9	8	3		
58/ 57	.2	1.4	.2	.2	.0	.0																								52	52	19	11		
56/ 55	.8	2.6	.3	.2																											101	101	62	43	
54/ 53	1.1	4.4	.8	.0																										170	170	131	106		
52/ 51	1.7	4.1	1.2	.3	.0																									196	196	165	144		
50/ 49	2.2	4.6	1.8	.2	.1																									230	230	193	156		
48/ 47	1.5	4.9	2.1	.7	.5	.3	.2																						264	264	216	164			
46/ 45	1.9	6.4	1.8	.8	.2	.3	.1																						302	302	230	203			
44/ 43	2.2	6.0	1.9	.8	.3	.1																							298	298	312	235			
42/ 41	2.7	6.4	1.8	1.0	.2	.1																						324	324	292	265				
40/ 39	1.9	4.8	1.6	.2	.0																								226	226	300	271			
38/ 37	1.8	4.5	1.4	.3	.0																								211	211	270	246			
36/ 35	1.6	2.8	.6	.3																									137	137	229	214			
34/ 33	.7	1.5	.3	.0	.1																								68	68	102	159			
32/ 31	.6	.6	.1																										28	28	66	143			
30/ 29	.0	.2	.0																										8	8	26	95			
28/ 27	.1	.0																											3	3	8	49			
26/ 25																																4	4	30	
24/ 23																																		24	
22/ 21																																		16	
20/ 19																																			8
18/ 17																																			7
16/ 15																																			3
14/ 13																																			3
12/ 11																																			2
10/ 9																																			1
8/ 7																																			1
6/ 5																																			1
TOTAL	21.025	0.015	0.9	3.0	1.0	.6	.6	.0	.0																								2628	2628	2628

0-26-5 (OL A) FORM JUN 64 USAFETAC

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 30 F$	$\leq 32 F$	$\leq 37 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	20068546	227196	86.5	12.769	2628	30	32	37	73	80	93	84
D. P.	5369109	117573	44.8	6.173	2628	32	32	37	73	80	93	84
A. S.	4934800	112890	43.0	6.335	2628	32	32	37	73	80	93	84
Dew Point	4908487	106915	40.7	7.670	2628	12	12	12	73	80	93	84

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL STATION NAME

40-70

YEARS

FEB

MONTH

PAGE 1 0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	x 31	Dry Bulb	Wet Bulb	Dew Point		
60/ 59	.0	.3	.2	.0														17	17	1	1	
58/ 57	.3	1.2	.2	.2														47	47	24	12	
56/ 55	.8	2.7	.5	.0														107	107	71	47	
54/ 53	1.3	3.7	1.0	.2														167	167	121	112	
52/ 51	1.6	3.8	1.3	.2	.3													191	191	168	128	
50/ 49	2.1	4.7	2.2	.3	.2	.4												264	264	183	165	
48/ 47	1.3	3.1	1.6	.7	.3	.3												244	244	227	161	
46/ 45	2.2	6.6	1.5	1.0	.2	.1												302	302	258	224	
44/ 43	2.1	5.4	1.8	.7	.4	.1												274	274	281	239	
42/ 41	2.1	5.8	1.8	1.0	.1	.0												283	283	267	262	
40/ 39	2.4	4.6	1.6	.3	.1	.0												237	237	305	238	
38/ 37	2.0	4.1	1.3	.3	.0													208	208	244	239	
36/ 35	1.9	3.2	.6	.2	.0													155	155	228	201	
34/ 33	.7	1.9	.3	.0	.0													81	81	135	191	
32/ 31	.3	.8	.2	.0														34	34	66	121	
30/ 29	.1	.3	.0															13	13	32	115	
28/ 27	.1	.0																4	4	15	53	
26/ 25																				2	43	
24/ 23																					15	
22/ 21																					16	
20/ 19																					8	
18/ 17																					7	
16/ 15																					5	
14/ 13																					4	
12/ 11																					1	
10/ 9																					1	
8/ ?																					1	
TOTAL	21.254	4.16	1.5	5.2	1.8	1.0	.3	.0										2628	2628			
																		2628	2628			
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.													Mean No. of Hours with Temperature				
Rel. Hum.	20053949	227129	86.4	12.704	2628	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F						Total					
Cloud	5361929	117517	44.7	6.378	2628			1.6											84			
Wind	4944924	112716	42.9	6.485	2628			3.7											84			
Dew Point	4498298	106764	40.6	7.827	2628			12.4											84			

USAFETAC FORM 0-26-5 (OL A) JUN 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

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23211 HAMILTON AFB CALIF/SAN RAFAEL

STATION NAME

40-70

YEARS

FEB

MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL			
	C	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	Dry Bulb	Wet Bulb	Dew Point		Dry Bulb	Wet Bulb	Dew Point	
68/ 67						.0	.0	.0	.0									2	2						
66/ 65						.0	.0	.0	.0									4	4						
64/ 63						.0	.0	.1	.0									11	11						
62/ 61		.2	.4	.4	.2	.1	.1	.2	.0	.0								43	43						
60/ 59	.1	1.1	1.2	1.0	.6	.2	.2	.2	.1									122	122	11	4				
58/ 57	.1	2.6	1.1	2.1	.7	.5	.3	.2	.2									200	200	56	16				
56/ 55	.8	3.7	2.9	2.3	1.3	.4	.5	.5	.5									318	318	158	81				
54/ 53	1.0	3.6	3.5	2.8	1.3	.9	.5	.2										363	363	218	158				
52/ 51	1.1	4.2	3.7	2.9	1.4	.5	.4	.0										366	366	271	165				
50/ 49	.9	5.3	3.8	2.4	.8	.3	.2											357	357	332	213				
48/ 47	.7	4.8	3.9	1.7	.7	.1	.0											315	315	395	261				
46/ 45	.4	4.7	1.9	.9	.5	.0	.0											223	223	396	296				
44/ 43	1.0	3.5	.9	.4	.1													154	154	352	344				
42/ 41	1.0	1.7	.3	.2	.1	.1												90	90	242	322				
40/ 39	.5	.8	.2	.1		.1												41	41	116	233				
38/ 37	.1	.2	.0															10	10	48	133				
36/ 35	.0	.0	.1															4	4	14	120				
34/ 33	.0	.0																2	2	6	79				
32/ 31																				6	53				
30/ 29																				2	44				
28/ 27																					23				
26/ 25																					26				
24/ 23																					16				
22/ 21																					19				
20/ 19																					6				
18/ 17																					2				
16/ 15																					3				
14/ 13																					2				
12/ 11																					3				
10/ 9																					2				
8/ 7																					2				
TOTAL	7.7	36.4	23.8	16.8	8.1	3.5	2.2	1.2	.3	.0								2625	2625	2625	2625				
																		2625	2625	2625	2625				
Element (X)	Z _{X'}	Z _X	X	" _X	No. Obs.	Mean No. of Hours with Temperature																			
Rel. Hum.	16305999	202161	77.0	16.757	2625	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total													
	6902926	133922	51.0	3.168	2625																				84
	5946128	124200	47.3	4.939	2625																				84
Dew Point	5077591	113813	43.4	7.376	2625																				84

FORM 64
0-26-5 (OL-A)
U.S.A.F. ETAC

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

40-70

YEARS

FED

MONTH

1200-1400
HOURS (L. S. T.)

PAGE 1

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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23211 HAMILTON AFB CALIF/SAN RAFAEL

40-70

YEARS

FEB
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31					
76/ 75																			1	1		
74/ 73																			2	2		
72/ 71																			5	5		
70/ 69																			19	19		
68/ 67																			46	46		
66/ 65																			90	90		
64/ 63																			114	114	3	
62/ 61																			219	219	19	1
60/ 59	.1	1.0	2.9	2.4	2.6	1.8	1.4	.8	.9	.6	.6	.2	.1					355	355	95	14	
58/ 57	.2	2.3	3.6	4.5	3.2	1.4	1.3	.3	.1									445	445	144	36	
56/ 55	.3	2.7	2.6	4.8	2.4	1.2	.3	.2	.1									387	387	288	116	
54/ 53	.6	2.1	3.2	3.8	1.9	.9	.1	.0										333	333	349	196	
52/ 51	.2	2.2	2.9	2.3	1.4	.2	.1											246	246	386	197	
50/ 49	.2	2.0	2.8	.9	.6	.2												173	173	445	245	
48/ 47	.1	1.6	1.4	.6	.2													103	103	396	289	
46/ 45	.0	1.4	.4	.3	.1	.0	.2											64	64	309	308	
44/ 43		.6	.0															17	17	143	320	
42/ 41	.0	.2	.0															8	8	63	260	
40/ 39																				19	158	
38/ 37																				1	128	
36/ 35																				2	106	
34/ 33																				3	100	
32/ 31																					44	
30/ 29																					43	
28/ 27																					13	
26/ 25																					13	
24/ 23																					9	
22/ 21																					10	
20/ 19																					5	
18/ 17																					6	
16/ 15																					1	
14/ 13																					5	
TOTAL	1.7	16.6	21.7	22.6	13.7	9.4	6.4	3.5	1.7	.6	.0	.1						2625	2625	2624		
Element (X)	Z _{X'}	Z _X	X	Z _X	No. Obs.		Mean No. of Hours with Temperature															
Rel. Hum.	12620601	176187	67.1	17.361	2624		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
	8377145	147657	96.3	5.216	25			2.3	.1												84	
	6703661	132141	50.3	4.441	23																84	
Dew Point	5343843	116855	44.5	7.303	2624		4.8														84	

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION NAME

40-70

YEARS

FEB

MONTH

PAGE 1

1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30			
68/ 67																	1	1	
66/ 65																	7	7	
64/ 63																			
62/ 61																	12	12	
60/ 59																	32	32	3
58/ 57																	86	86	9
56/ 55																	167	167	14
54/ 53																	316	316	67
52/ 51																	392	392	136
50/ 49																	416	416	171
48/ 47																	428	428	227
46/ 45																	336	336	285
44/ 43																	246	246	318
42/ 41																	112	112	370
40/ 39																	46	46	336
38/ 37																	20	20	202
36/ 35																	4	4	157
34/ 33																	2	2	114
32/ 31																		5	78
30/ 29																			45
28/ 27																			33
26/ 25																			11
24/ 23																			25
22/ 21																			11
20/ 19																			5
18/ 17																			4
14/ 13																			2
10/ 9																			1
TOTAL	4.234	4.034	3.16	7.5	7.3	3.4	1.3	.3	.1	.1						2623	2622		
																2623	2623		

Element (X)	Z_X^*	Z_X	\bar{X}	S_X	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	16135089	202367	77.2	14.035	2622							
Dew Point	6906820	134056	51.1	4.600	23							
	5980772	124658	47.5	4.638	23							
	5133975	114705	43.7	6.651	22							
						4.3						

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3 23211 HAMILTON AFB CALIF/SAN RAFAEL 40-70

STATION

STATION NAME

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2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point	
66/ 65																			1	1	
62/ 61	.1	.1																	6	6	
60/ 59	.5	.3	.2																26	26	3
58/ 57	.2	1.4	.5	.2															62	62	30
56/ 55	.6	3.2	2.3	.7	.2	.0													188	188	74
54/ 53	1.3	4.5	2.1	.5	.2	.2	.3	.1										239	239	151	
52/ 51	.7	5.1	2.9	1.1	.4	.3	.1	.0										278	278	211	
50/ 49	.9	5.9	4.0	1.9	.7	.2	.1	.1										362	362	240	
48/ 47	.8	7.2	4.4	2.0	.6	.1	.1											400	400	295	
46/ 45	1.4	10.0	3.7	1.4	.1	.2	.0											442	442	439	
44/ 43	.9	5.9	3.0	1.0	.3	.0												290	290	420	
42/ 41	.9	4.0	2.4	.5	.1													207	207	326	
40/ 39	.6	1.4	.9	.1		.0												79	79	244	
38/ 37	.2	.6	.4	.0		.0												33	33	113	
36/ 35	.1	.1	.2	.0														11	11	59	
34/ 33	.0		.0															2	2	16	
32/ 31																			3	70	
30/ 29																			2	43	
28/ 27																				19	
26/ 25																				12	
24/ 23																				13	
22/ 21																				10	
20/ 19																				7	
18/ 17																				7	
16/ 15																				3	
14/ 11																				2	
10/ 9																				2	
6/ 5																				2	
TOTAL	8.549	727.3	9.6	2.0	1.1	.7	.3	.0	.0	.0								2626	2626	2626	
Element (X)	ΣX^2	ΣX	X	σ_x	No. Obs.	Mean No. of Hours with Temperature										Total					
Ref. Hum.	18132429	215355	82.013.403	2626		$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$										
	6125867	126201	48.1 4.815	26																84	
	5467465	119313	45.4 5.030	26																84	
Dew Point	4853997	111433	42.4 6.913	2626		$\geq 0 F$														84	

REvised FORM 0-26-5 (OLAI) USAFETAC JUL 64

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL

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MAR

MONTH

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0000-0200

HOURS (L. S. T.)

YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B.-W.B.	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point	
68/ 67																		2	2		
66/ 65																		1	1		
64/ 63																		10	10		
62/ 61																		6	6		
60/ 59																		9	9		
58/ 57	.2	.5	.2	.2														36	36	6 3	
56/ 55	.0	2.2	1.1	.4	.2	.1	.2	.1										127	127	36 11	
54/ 53	.1	2.8	1.5	.9	.4	.2	.1											177	177	86 48	
52/ 51	.3	4.9	2.9	1.0	.2	.2												281	281	163 90	
50/ 49	1.0	7.4	5.4	1.6	.7	.1	.1											485	485	247 166	
48/ 47	.9	8.8	4.4	1.4	.0	.1	.0											483	484	419 229	
46/ 45	.4	8.6	4.9	2.2	.2	.2												488	488	502 349	
44/ 43	.7	7.6	4.2	1.0	.0	.0												406	406	458 411	
42/ 41	.7	4.8	2.4	.4	.1	.0												249	249	454 410	
40/ 39	.8	2.2	1.1	.2	.1													131	131	345 381	
38/ 37	.3	1.1	.4	.1														55	55	154 275	
36/ 35	.2	.4	.1															18	18	67 244	
34/ 33	.1	.0																3	3	23 135	
32/ 31	.1																	2	2	7 97	
30/ 29																			2	2	49
28/ 27																					18
26/ 25																					17
24/ 23																					10
22/ 21																					11
20/ 19																					6
18/ 17																					9
TOTAL	5.65	1.42	8.6	9.4	2.6	1.1	.7	.3	.2	.2	.0							2970	2970	2969	
																		2969	2969		
Element (X)	Z _{X²}	Z _X	X	X _x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	20055132	241016	81.2	12,849	2969	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Temp.	6671741	140083	47.2	4,664	70			.1	.1												93
Hum.	5921121	131907	44.4	4,524	69			.3													93
Dew Point	5174691	122649	41.3	6,034	2969			.6													93

USAFETAC FORM 0-26-5 (OLA)
JUL 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL

39-70

YEARS

MAR

MONTH

PAGE 1 0300-0500
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B. W.B.	TOTAL
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	Dry Bulb	Wet Bulb	Dew Point	
62/ 61																		3	3		
60/ 59			.1	.1														8	8		
58/ 57	.1	.6	.1	.1														32	32	7	2
56/ 55	.2	1.5	.5	.1	.1	.1												78	78	28	12
54/ 53	.4	2.4	1.2	.3	.1	.3	.1											145	145	84	49
52/ 51	.3	4.1	2.1	.6	.2	.3	.1											231	231	101	84
50/ 49	1.0	6.3	3.6	.5	.3	.1	.0											353	355	241	127
48/ 47	1.2	8.1	3.2	1.1	.6	.1	.0											428	428	309	216
46/ 45	1.0	7.6	3.5	1.9	.6	.2	.0											435	435	428	300
44/ 43	1.1	8.4	2.9	1.0	.2	.1												409	409	377	379
42/ 41	2.0	7.1	2.3	.4	.1	.1												358	358	482	379
40/ 39	1.6	4.7	2.1	.1	.1													258	258	396	354
38/ 37	.8	2.7	.8	.2														134	134	273	328
36/ 35	.6	1.4	.2															65	65	149	228
34/ 33	.4	.3	.1	.0														26	26	68	206
32/ 31	.2	.1	.0															9	9	25	142
30/ 29																		1	1	4	69
28/ 27																				1	32
26/ 25																					22
24/ 23																					13
22/ 21																					11
20/ 19																					10
18/ 17																					8
16/ 15																					1
12/ 11																					1
TOTAL	10,955	3,222	8	6.5	2.3	1.3	.4	.3	.1									2975	2973		
																		2973	2973		

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	21166162	247972	63.4	12.752	2973							
Temp.	6249850	135522	45.6	5.060	73							
Wind	5630102	128524	43.2	4.980	73							
Dew Point	4992273	120351	40.5	6.362	73	9.7						

REvised editions of this form are obsolete
FORM 0-26-5 (OL-A) APR 64
USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION NAME

39-70

YEARS

MAR
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point		
68/ 67						.0												3	1			
66/ 65						.0												1	1			
64/ 63						.0												4	4			
62/ 61						.0	.0	.1	.1	.0	.0						9	9				
60/ 59						.1	.2	.0	.1	.0	.1						19	19	1			
58/ 57						.0	.6	.7	.5	.1	.2	.1	.1				69	69	11			
56/ 55						.2	1.6	.9	.4	.2	.1	.1	.1				107	107	42	20		
54/ 53						.3	3.2	2.3	.8	.3	.3	.2	.1				221	221	93	53		
52/ 51						.3	3.7	3.9	.9	.5	.3	.1					289	289	139	91		
50/ 49						1.0	6.4	3.9	1.3	.5	.3	.0					397	400	274	159		
48/ 47						.9	7.0	3.6	1.3	.5	.2	.0					404	404	388	225		
46/ 45						1.3	7.4	2.9	1.5	.5	.1	.0					411	411	430	375		
44/ 43						1.0	6.2	2.9	1.1	.1	.1						340	340	405	377		
42/ 41						1.3	4.8	1.8	.7	.0	.0						260	260	385	370		
40/ 39						1.3	3.8	1.8	.1	.0							209	209	319	325		
38/ 37						.9	2.3	.6	.1								114	115	233	253		
36/ 35						.8	1.8	.2	.0								81	81	138	235		
34/ 33						.3	.4	.1									24	24	64	188		
32/ 31						.2	.1										9	9	24	126		
30/ 29						.0											1	1	3	76		
28/ 27						.0											1	1	1	38		
26/ 25																			1	21		
24/ 23																				15		
22/ 21																				5		
20/ 19																				8		
18/ 17																				5		
16/ 15																				1		
14/ 13																				2		
10/ 9																				1		
TOTAL	9.949	525.5	8.9	3.1	1.8	.6	.6	.1		.0							2975	2971				
																	2971	2971				
Element (X)	ΣX^2	Z_X	X	σ_x	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.	20463316	243228	81.9	13.619	2971	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total										
	6551043	138627	46.6	9.543	75	.3	.0													93		
	5821520	120916	44.0	9.163	71	.9														93		
Dew Point	9102049	121619	40.9	6.449	71	.9														93		

EDITIONS OF THIS FORM ARE OBSOLETE
REMOVED FROM USE
0-26-5 (OL-A) JUL 64
USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION NAME

39-70

YEARS

MAR

MONTH
0900-1100
HOURS (L. S. T.)

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B.-W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
80/ 79									.0									1	1	
76/ 75									.0		.1							5	5	
74/ 73									.0	.0	.1	.1						4	4	
72/ 71									.0	.0	.1	.1						8	8	
70/ 69									.1	.1	.0	.2	.1	.2	.1			22	22	
68/ 67									.0	.2	.4	.3	.3	.1	.2	.1		46	46	
66/ 65									.1	.4	.7	.3	.2	.1	.1			56	56	
64/ 63									.1	.5	.8	.6	.4	.2	.2	.1		89	89	1
62/ 61									.1	.4	1.1	1.6	.7	.6	.5	.2		156	156	
60/ 59									.5	1.6	2.4	1.7	1.2	.5	.4	.2		255	255	28
58/ 57	.0	1.0	3.0	3.3	2.2	1.0	.9	.9										347	347	12
56/ 55	.0	2.3	4.7	5.0	1.8	1.3	.4	.3										478	478	43
54/ 53	.1	2.4	5.5	4.2	2.0	1.0	.3	.2										465	465	115
52/ 51	.1	3.2	5.2	3.0	1.8	.9	.0	.0										423	423	219
50/ 49	.3	3.3	3.9	1.7	1.1	.2												317	317	296
48/ 47	.2	2.2	1.7	1.0	.6													173	174	445
46/ 45	.1	1.4	.9	.3	.1													76	76	393
44/ 43	.3	.7	.2	.1														40	40	227
42/ 41	.1	.1																8	8	278
40/ 39	.1																	3	3	41
38/ 37	.0																	1	1	198
36/ 35																		1	1	145
34/ 33																		3	3	112
32/ 31																				107
30/ 29																				69
28/ 27																				56
26/ 25																				23
24/ 23																				22
22/ 21																				17
20/ 19																				8
18/ 17																				2
16/ 15																				5
14/ 13																				1
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						$\leq 0^{\circ}\text{F}$	$\leq 32^{\circ}\text{F}$	$\leq 67^{\circ}\text{F}$	$\leq 73^{\circ}\text{F}$	$\geq 80^{\circ}\text{F}$	$\geq 93^{\circ}\text{F}$	Total								
56																				
76																				
Dew Point																				

USAFETAC FORM 0-26-5 (OLA) JUL 64

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION STATION NAME

39-70

YEARS

110

MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL STATION NAME

39-70

YEARS

MAR

MONTH

PAGE 1 1200-1400
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point
86/ 85										.0	.1	.0	.1					2	2	
82/ 81																		4	4	
80/ 79										.0	.1	.1	.0	.1	.0			6	6	
78/ 77										.0	.1	.0	.1	.1	.0			15	15	
76/ 75										.0	.2	.1	.1	.1	.0			11	11	
74/ 73										.6	.5	.6	.2	.3	.1			74	74	
72/ 71										.4	.5	.4	.3	.2	.1			65	65	
70/ 69										.6	.7	.9	.3	.2	.3	.1		101	101	1
68/ 67										.3	.7	1.1	1.0	.5	.4	.2	.0	136	136	
66/ 65										.4	1.1	1.4	.9	1.0	.6	.1		169	169	4
64/ 63										1.1	1.4	2.2	1.7	.9	1.0	.5	.1	236	236	10
62/ 61										1.9	2.7	2.0	1.4	.7	.5	.0		292	292	54
60/ 59										2.2	4.1	4.4	2.0	1.3	.7	.1		452	452	113
58/ 57										2.7	3.8	3.8	2.0	.8	.3	.1		423	424	219
56/ 55										1.4	3.2	3.5	3.8	1.7	.5	.3	.0	429	430	400
54/ 53										1.5	2.6	2.3	2.1	.6	.2	.0		279	279	162
52/ 51										1.3	1.3	1.1	.6	.3	.0			150	150	280
50/ 49										.7	.9	.5	.1	.1	.0			71	71	363
48/ 47										.3	.5	.2		.0				31	31	347
46/ 45										.2	.0		.0					22	22	211
44/ 43										.1								3	3	313
42/ 41										.0	.0							2	2	249
40/ 39										.0								1	1	207
38/ 37																		2	2	180
36/ 35																				123
34/ 33																				75
32/ 31																				55
30/ 29																				48
28/ 27																				26
26/ 25																				27
24/ 23																				16
22/ 21																				15
20/ 19																				1
18/ 17																				2
Element (X)		Z_X^2	Z_X	\bar{X}	σ_X	No. Obs.	Mean No. of Hours with Temperature												Total	
Rel. Hum.							$\leq 0^\circ F$	$\leq 32^\circ F$	$\leq 67^\circ F$	$\leq 73^\circ F$	$\leq 80^\circ F$	$\leq 93^\circ F$								
Dew Point																				

USAFETAC FORM 0-26-5 (OL-A) JUN 64

REVISED MAY 1964 EDITIONS OF THIS FORM ARE OBSOLETE

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**DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC**

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION STATION NAME

39-70

YEARS

MAR

MONTH

1200-140
HOURS (1 S 3)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3

23211 HAMILTON AFB CALIF/SAN RAFAEL

39-70

MAR

MONTH

PAGE 1

1500-1700

HOURS U. S. T.I.

YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	Dry Bulb	Wet Bulb	Dew Point
84/ 83									.0	.0								21	21	
82/ 81									.0	.0								4	4	
80/ 79									.0	.1	.0							10	10	
78/ 77									.0	.2	.1	.1	.1	.0	.0			17	17	
76/ 75									.1	.3	.4	.3	.1	.1	.0			38	38	
74/ 73									.1	.2	.4	.6	.2	.2	.1	.0		53	53	
72/ 71									.1	.4	.5	.6	.4	.3	.1			88	88	
70/ 69									.3	.5	.5	1.0	.7	.4	.1			102	102	
68/ 67									.0	.1	.6	1.2	.9	.7	.4	.2	.1	129	129	1
66/ 65									.1	.3	1.2	1.5	.9	.3	.6	.3		167	167	6
64/ 63									.0	.1	.9	1.0	1.7	1.3	1.0	.4	.1	215	215	18
62/ 61									.1	.3	1.9	2.2	2.0	1.3	.6	.2	.0	259	259	1
60/ 59									.4	1.3	3.0	3.6	3.8	1.3	.3	.1		352	352	107
58/ 57									.9	2.0	4.3	3.8	2.0	.9	.3			423	423	28
56/ 55									.1	1.3	2.1	3.9	3.6	1.3	.3	.2		380	380	324
54/ 53									.1	1.5	2.3	3.2	2.6	.5		.0		304	304	165
52/ 51									.1	1.3	2.0	2.3	1.8	.3				233	233	230
50/ 49									.1	1.2	1.1	1.4	.4	.1	.0			132	132	271
48/ 47									.4	.6	.3	.0	.0					42	42	410
46/ 45									.3	.2	.0							17	17	360
44/ 43									.1	.1	.0							6	6	111
42/ 41									.0									1	1	290
40/ 39									.0									1	1	1243
38/ 37																		2	2	222
36/ 35																				126
34/ 33																				84
32/ 31																				49
30/ 29																				36
28/ 27																				20
26/ 25																				16
24/ 23																				11
22/ 21																				12
20/ 19																				4
18/ 17																				2
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						$\leq 0^\circ F$	$\leq 32^\circ F$	$\leq 67^\circ F$	$\leq 73^\circ F$	$\leq 80^\circ F$	$\leq 93^\circ F$	Total								
D b b																				
Dew Point																				

USAFETAC FORM 0-26-5 (OL A)
JUL 64

REPRODUCED BY AUTOMATIC MEANS
OF THIS FORM ARE OBSOLETE

**DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC**

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL

39-70

YEARS

MAR

MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3

23211 HAMILTON AFB CALIF/SAN RAFAEL

39-70

STATION

STATION NAME

YEARS

MAR

MONTH

PAGE 1

1800-2000

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point		
76/ 75								.0	.1										3	3		
74/ 73								.0	.1	.1									6	6		
72/ 71								.0	.0										3	3		
70/ 69								.0	.1	.2	.1								16	16		
68/ 67								.0	.2	.2	.1	.1							21	21		
66/ 65								.0	.1	.2	.3	.2	.2	.1					32	32		
64/ 63								.0	.2	.6	.4	.2	.2	.1					53	53	2	
62/ 61								.2	.5	.5	.5	.4	.1	.1					71	71	7	
60/ 59								.0	1.2	1.1	1.1	.6	.3	.2	.1				146	146	20	
58/ 57	.0	.9	1.8	2.3	1.5	.6	.6	.2	.2										223	223	47	
56/ 55	.1	2.5	4.0	3.3	1.7	.7	.3	.0											377	377	32	
54/ 53	.1	3.0	5.2	4.1	1.4	.5	.1	.1											438	438	94	
52/ 51	.1	4.1	6.9	4.5	1.9	.3	.2												504	504	139	
50/ 49	.2	4.7	7.9	5.3	1.1	.1	.1												578	578	250	
48/ 47	.0	2.4	4.3	3.1	.2	.1													302	302	360	
46/ 45	.0	1.2	2.5	.9	.0														140	140	318	
44/ 43	.5	.7	.2	.0															43	43	329	
42/ 41	.1	.3	.0																12	12	304	
40/ 39	.1	.1																	5	5	268	
38/ 37	.0																		1	1	248	
36/ 35																			6	139		
34/ 33																					87	
32/ 31																					41	
30/ 29																					27	
28/ 27																					17	
26/ 25																					6	
24/ 23																					12	
22/ 21																					3	
20/ 19																					2	
18/ 17																					2	
TOTAL	.6	19.6	34.8	25.8	9.9	4.5	2.5	1.5	.5	.2	.0	.0						2974	2974	2975		

Element (X)	ΣX^2	ΣX	\bar{X}	S_x	No. Obs.	Mean No. of Hours with Temperature				
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F
Rel. Hum.	15771733	232671	71.513.768	2974						
Temp.	8369740	157070	52.8	4.995	74			1.5	.3	
Wind	6933127	143073	48.1	4.201	75					
Dew Point	5685260	128878	43.3	3.862	75		3.0			

USAFETAC FORM 0-26-5 (OLA) JUL 64

REVISED EDITIONS OF THIS FORM ARE OBSOLETE

3 DATA PROCESSING DIVISION
USAF ETAS
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

STATION

STATION NAME

39-70

YEARS

MAR

MONTH

2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	Dry Bulb	Wet Bulb	Dew Point
74 / 73								0									1	1	
72 / 71								0									1	1	
68 / 67								0	1								6	6	
66 / 65								0		0							2	2	
64 / 63								2									8	8	
62 / 61								1	0	1	0	1					11	11	
60 / 59								1	1	1	1	1					33	33	2
58 / 57	.2	.5	.7	.5	.4	.1	.0	.0	.0	.0	.0	.0					82	82	15
56 / 55	.1	2.8	1.5	1.0	.6	.3											187	187	15
54 / 53	.1	3.7	3.0	1.6	.7	.3	.0										281	281	66
52 / 51	.2	5.9	5.3	2.1	1.2	.3	.2	.0									451	451	104
50 / 49	.7	7.0	7.1	2.5	.8	.1											540	540	228
48 / 47	.4	8.1	6.6	3.5	.7	.1	.0										573	573	269
46 / 45	.4	7.6	3.9	2.3	.1	.1											430	430	411
44 / 43	.2	3.6	2.8	.7													218	218	427
42 / 41	.3	1.7	1.2	.2	.1												107	107	463
40 / 39	.0	.5	.4	.1													33	33	285
38 / 37	.0	.1	.1														6	6	253
36 / 35		.0	.0														2	2	168
34 / 33			.0														1	1	120
32 / 31																			62
30 / 29																			1
28 / 27																			39
26 / 25																			12
24 / 23																			7
22 / 21																			12
20 / 19																			1
18 / 17																			1
16 / 15																			1
TOTAL	2.74	1.63	3.01	4.9	4.9	1.5	.5	.3	.3	.1	.1						2973	2973	2973
																	2973	2973	

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3

23211 HAMILTON AFB CALIF/SAN RAFAEL

STATION NAME

39-70

YEARS

APR

MONTH

PAGE 1 0000-0200
HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B.W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
74/ 73										.0								1	1	
70/ 69										.0								1	1	
68/ 67										.1	.0							3	3	
66/ 65					.0	.1		.1		.0								6	6	
64/ 63						.0	.0	.0										3	3	
62/ 61						.1												3	3	
60/ 59																		18	18	2
58/ 57	.0	.9	.8	.3	.2	.1	.0	.0	.0	.0								67	67	5
56/ 55	.3	1.8	1.8	.6	.5	.0	.1											147	147	25
54/ 53	.0	3.1	3.7	1.1	.5	.1	.1											245	246	46
52/ 51	.3	6.7	4.2	1.6	.9	.2	.1											390	392	89
50/ 49	.6	11.0	5.5	1.5	.6	.0	.0											555	555	193
48/ 47	.7	10.6	5.8	1.5	.4	.0	.0											544	544	355
46/ 45	1.0	10.8	3.0	1.0	.2													460	460	500
44/ 43	.9	5.4	1.9	.5														251	251	317
42/ 41	.4	2.5	.9	.0														111	111	429
40/ 39	.2	1.1	.3															49	49	271
38/ 37	.1	.5																19	19	191
36/ 35		.0																1	1	125
34/ 33		.0																1	1	58
32/ 31																			1	40
30/ 29																				22
28/ 27																				5
26/ 25																				4
24/ 23																				3
22/ 21																				2
TOTAL	4,854	328.1	8.4	2.8	.6	.5	.0	.1	.1	.0							2878	2875	2875	
																	2875	2875		
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature										Total				
Rel. Hum.	19897542	237058	82,511,050	2875		$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\geq 80 F$	$\geq 93 F$									
Temp	6867278	160042	48.7	4.288	78					.2	.0									
Dew Point	6142448	132404	46.1	3.947	75					.0										
Dew Point	5456968	124458	43.3	4.907	275					2.4										

REvised PH FORM 0-26-5 (OL-A) JUN 64
USAFETAC

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION STATION NAME

39-70

APR

MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	Dry Bulb	Wet Bulb	Dew Point		
72/ 71									.0									1	1			
70/ 69											.1							2	2			
68/ 67										.0								1	1			
66/ 65									.0	.0	.0							3	3			
64/ 63									.0	.0								2	2			
62/ 61									.0	.1	.0							4	4			
60/ 59									.0	.0	.0							3	3	1		
58/ 57	.0	.4	.2	.1	.1	.0												23	23	5	1	
56/ 55	.2	1.4	1.4	.2	.5				.0	.0								108	108	33	15	
54/ 53	.1	3.2	2.1	.6	.1	.1												175	176	58	37	
52/ 51	.4	3.1	2.7	.9	.2	.1												271	272	159	80	
50/ 49	.9	9.2	5.0	.9	.2	.1												472	473	307	141	
48/ 47	1.5	9.5	4.6	.9	.7	.1												496	496	447	323	
46/ 45	1.7	11.0	2.6	.7	.2	.0												470	470	534	422	
44/ 43	1.7	9.0	2.2	.8														396	396	493	461	
42/ 41	1.4	5.6	1.3	.3														247	247	376	474	
40/ 39	.6	2.6	.8	.1														119	119	254	330	
38/ 37	.3	1.7	.1															61	61	134	239	
36/ 35	.1	.5	.0															19	19	64	148	
34/ 33	.1	.0																3	3	8	93	
32/ 31		.0																1	1	2	51	
30/ 29																					29	
28/ 27																					15	
26/ 25																					6	
24/ 23																					3	
TOTAL	9.1	59.3	23.0	5.5	2.1	.7	.1	.1	.0	.0	.1							2880	2877			
																		2877	2877			

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Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	20946377	243565	54.7	10.651	2877	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F
Dry B.	6435534	135510	47.1	4.340	280		0	1			
Wet B.	5837724	129012	44.8	4.272	277		1				
Dew Point	5233744	122052	42.4	3.076	2876	3.0					

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3 23211 HAMILTON AFB CALIF/SAN RAFAEL

STATION NAME

39-70

YEARS

APR

MONTH

PAGE 1

0600-0800

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B. W.B.	TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point		
74/ 73										.0	.0								2	2		
72/ 71										.0	.1								3	3		
70/ 69						.0				.0	.0								4	4		
68/ 67						.0				.0	.0								2	2		
66/ 65						.1	.1	.1	.0										10	10		
64/ 63						.2	.3	.0	.1	.0	.0								20	20		
62/ 61		.1	.2	.3	.3	.2	.1	.1	.0										46	46	3	
60/ 59		.0	.6	1.1	.5	.2	.1	.0											71	71	9	
58/ 57		.8	1.8	.9	.6	.4	.0	.0											134	134	21	6
56/ 55		.2	1.6	3.8	2.4	.8	.2	.1	.1										265	266	97	25
54/ 53		.0	3.2	5.6	2.1	.7	.2	.1											342	343	162	66
52/ 51		.4	6.3	6.2	2.3	.9	.0	.1											464	465	298	122
50/ 49		.5	8.2	5.5	1.5	.7	.2	.0											478	478	505	249
48/ 47		.8	5.9	3.3	.9	.5	.0												327	327	521	423
46/ 45		1.0	5.7	2.2	.6	.2													283	283	447	511
44/ 43		.9	4.0	1.3	.3	.0													188	188	336	410
42/ 41		.8	2.3	.7															114	114	218	368
40/ 39		.5	1.4	.5	.0														67	67	148	247
38/ 37		.4	.7	.1															33	33	64	191
36/ 35		.2	.3																14	14	31	101
34/ 33		.1	.1																4	4	11	68
32/ 31		.0																	1	1	1	36
30/ 29		.0																	1	1	1	28
28/ 27																						11
26/ 25																						6
24/ 23																						3
22/ 21																						2
TOTAL		5.86	0.83	1.81	2.9	5.5	1.8	.7	.3	.2	.1								2876	2873		
																			2873	2873		

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	1874137	229253	79.8	12.491	2873							
Temp "b"	7308183	144133	50.1	5.426	276	.1	.3	.1				90
Temp "f" b	6392646	134890	47.0	4.349	73	.1						90
Dew Point	5578244	125686	43.7	5.271	2873	2.7						90

REvised PERIODIC EDITIONS OF THIS FORM ARE OBSOLETE
0-265 (OL-A) JUL 64
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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

3 20211 HAMILTON AFB CALIF/SAN RAFAEL
STATION STATION NAME

PSYCHROMETRIC SUMMARY

39-70

YEARS

APR

MONTH

PAGE 1

0900-1100
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
82/ 81										.0	.0	.0	.0	.0	.0			2	2	
80/ 79										.1	.1	.1	.1	.1	.1			0	0	
78/ 77										.0	.0	.0	.0	.0	.0			16	16	
76/ 75										.1	.0	.2	.1	.1	.1			16	16	
74/ 73										.0	.1	.0	.2	.1	.1			35	35	
72/ 71										.2	.2	.4	.1	.1	.0			38	38	
70/ 69										.2	.3	.0	.2	.1	.0			83	83	1
68/ 67										.4	1.1	.9	.7	.3	.2	.1		109	109	2
66/ 65										.2	1.1	.6	.6	.3	.2	.0		144	144	1
64/ 63										.0	.5	2.0	2.4	1.5	.7	.4	.1	222	222	2
62/ 61										.0	1.1	3.6	2.9	1.4	.7	.3	.1	291	291	12
60/ 59										.3	2.7	5.6	4.0	1.5	.5	.2	.1	431	431	27
58/ 57										.1	.8	3.6	3.2	1.0	.5	.1		422	422	69
56/ 55										1.5	4.7	4.5	2.3	1.1	.3	.1		417	417	132
54/ 53										.1	1.3	4.1	2.8	1.1	.5	.1		287	287	1
52/ 51										.0	1.7	2.7	1.6	.5	.4			190	190	2
50/ 49										.1	1.0	1.6	.7	.1				105	105	12
48/ 47										.1	.7	.7	.2					47	47	27
46/ 45										.0	.1	.1	.0					9	9	65
44/ 43										.2	.0							6	6	36
42/ 41										.0								1	1	22
40/ 39										.0								1	1	332
38/ 37																		9	9	136
36/ 35																		6	6	358
34/ 33																		1	1	206
32/ 31																		9	9	79
30/ 29																		6	6	65
28/ 27																		1	1	36
26/ 25																		9	9	27
24/ 23																		6	6	23
22/ 21																		1	1	5
18/ 17																		9	9	10
TOTAL	.6	7.822	2.127	8.19	9.6	11.5	5.3	2.6	1.4	.5	.5	.3	.3	.0			2880	2880	2880	

Element (X) Z_x^2 Z_x X σ_x No. Obs. Mean No. of Hours with Temperature

Rel. Hum.	Z_x^2	Z_x	X	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
13126860	189966	66.0	14.395		2880							
10082303	169543	58.9	3.936		80							
7981873	151063	52.5	4.498		30							
6421179	134801	46.8	6.226		880							

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHOMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL

39-70

YEARS

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MONT

PAGE 1 1200-1400
HOURS (L. S. T.)

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**DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC**

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION STATION NAME

39-70

APR

MONTH

1200-1400
HOURS (E. S. T.)

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION STATION NAME

39-70

PSYCHROMETRIC SUMMARY

APR

MONTH

1500-1700
HOURS (L. S. T.)

PAGE 1

YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+ 31	Dry Bulb	Wet Bulb	Dew Point				
88/ 87																					4	4		
86/ 85																					16	16		
84/ 83																					20	20		
82/ 81																					41	41		
80/ 79																					48	48		
78/ 77																					80	80		
76/ 75																					85	85		
74/ 73																					99	99	3	
72/ 71																					113	113	6	
70/ 69																					149	149	13	3
68/ 67																					193	193	23	5
66/ 65																					236	236	58	12
64/ 63																					262	264	110	10
62/ 61																					304	304	134	21
60/ 59																					338	339	208	47
58/ 57	.0	.2	1.1	3.0	4.2	2.3															318	318	307	84
56/ 55	.0	.7	1.2	3.1	4.0	1.8															254	254	417	134
54/ 53	.1	.4	1.4	3.1	2.6	1.2															161	161	414	190
52/ 51	.2	.7	1.3	1.9	1.2	.4															67	67	420	270
50/ 49	.3	.7	1.2	.3	.1	.0														40	40	375	310	
48/ 47	.2	.4	.0																	18	18	232	359	
46/ 45	.1	.1	.1																	9	9	119	365	
44/ 43		.0																		1	1	32	342	
42/ 41																							5	245
40/ 39																								
38/ 37																								
36/ 35																								
34/ 33																								
32/ 31																								
30/ 29																								
28/ 27																								
26/ 25																								
24/ 23																								
22/ 21																								
ELEMNT (X)	Z _{X²}	Z _X	\bar{X}	S_x	No. Obs.	Mean No. of Hours with Temperature																		Total
Rel. Hum.						$\leq 0^{\circ}\text{F}$	$\leq 32^{\circ}\text{F}$	$\leq 67^{\circ}\text{F}$	$\leq 73^{\circ}\text{F}$	$\leq 80^{\circ}\text{F}$	$\leq 93^{\circ}\text{F}$													
20	16																							
18	15																							
Dew point																								

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70
STATION STATION NAME

TERMS

APR
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SU..

23211 HAMILTON AFB CALIF/SAN RAFAEL

39-70

APR

STATION STATION NAME

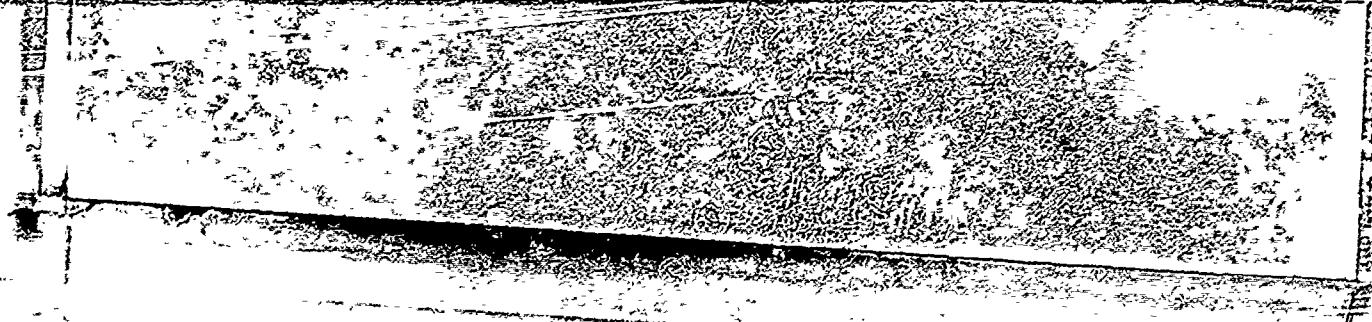
YEARS

MONTH
HOURS (L. S. T.)

PAGE 1 1800-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	Dry Bulb	Wet Bulb	Dew Point
80/ 79						.0	.0	.1	.2	.0	.1						2	2	
78/ 77						.0	.0	.1	.2	.0	.1						8	8	
76/ 75						.0	.0	.1	.2	.0	.1						16	16	
74/ 73						.0	.0	.0	.2	.1	.0						11	11	
72/ 71						.1	.2	.3	.2	.1	.1						33	33	
70/ 69						.1	.4	.2	.2	.1	.0						29	29	3
68/ 67						.0	.1	.5	.5	.4	.3	.2					59	59	3
66/ 65						.2	.5	.8	.5	.5	.1	.1					80	80	8
64/ 63						.0	.3	.7	.1	.8	.3	.2	.1				100	100	20
62/ 61						.4	1.1	1.2	1.0	.3	.2	.1	.0				128	128	38
60/ 59						.3	1.5	2.7	2.3	1.0	.3	.2	.1				240	240	64
58/ 57						.1	.9	2.8	4.0	2.2	.7	.3	.1	.0			318	320	111
56/ 55						.1	1.9	4.6	4.6	2.6	.7	.1					413	416	198
54/ 53						.2	2.0	7.2	5.1	1.8	.1	.0					474	474	322
52/ 51						.1	3.2	7.1	4.3	4.3	.1						464	464	434
50/ 49						.2	2.3	4.6	3.2	.6	.0	.1					310	310	309
48/ 47						.0	1.0	2.1	1.0	.1							121	121	498
46/ 45						.6	.7	.4									51	51	451
44/ 43						.1	.2	.2									13	13	157
42/ 41						.1	.1										4	4	306
40/ 39																			11
38/ 37																			171
36/ 35																			81
34/ 33																			29
32/ 31																			14
30/ 29																			7
28/ 27																			2
26/ 25																			3
24/ 23																			2
22/ 21																			3
20/ 19																			2
TOTAL	.812	.531	.828	.114	.6	6.1	3.0	1.7	1.0	.2	.2						2877	2874	
																	2874	2874	

Element (X)	Σx^2	Σx	\bar{x}	s_x^2	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0^{\circ}\text{F}$	$\leq 32^{\circ}\text{F}$	$\leq 67^{\circ}\text{F}$	$\leq 73^{\circ}\text{F}$	$\leq 80^{\circ}\text{F}$	$\leq 93^{\circ}\text{F}$	
Rel. Hum.	14425712	200116	69.6	13.078	2874							
Temp.	8965782	139737	55.5	3.803	277							
Dew Point	7297780	145254	50.2	4.489	274							
	5968043	127995	45.2	5.540	274							



DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3 23211 HAMILTON AFB CALIF/SAN RAFAEL STATION NAME

39-70

YEARS

APR

MONTH

PAGE 1 2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point			
72/ 71							.0												1	1			
68/ 67						.1	.1												8	8			
66/ 65							.1	.1	.1	.1									13	13			
64/ 63							.1	.2	.0	.1	.0								20	20			
62/ 61						.1	.3	.0	.2	.1									42	42	2		
60/ 59						.2	.6	.6	.3	.2	.1								58	58	12	1	
58/ 57						.8	1.3	1.4	.9	.1	.0	.1							125	126	36	7	
56/ 55						.3	2.3	3.7	1.6	.7	.1	.1	.0						254	256	77	45	
54/ 53						.1	3.2	5.6	2.1	.9	.2	.1							350	350	176	57	
52/ 51						.2	6.4	7.8	2.5	.8	.1		.0						514	514	293	127	
50/ 49						.6	9.2	9.5	2.6	.9	.0	.1							648	648	486	232	
48/ 47						.3	8.0	5.8	1.7	.3	.0								465	465	636	421	
46/ 45						.1	4.4	2.8	.6	.1									229	229	567	523	
44/ 43						.0	2.4	.9	.1										98	98	343	476	
42/ 41						.1	.9	.9											36	36	160	410	
40/ 39						.1	.3												12	12	75	220	
38/ 37							.0												1	1	11	156	
36/ 35																						104	
34/ 33																						32	
32/ 31																						18	
30/ 29																						10	
28/ 27																						4	
26/ 25																						1	
24/ 23																						4	
22/ 21																						1	
20/ 19																							
TOTAL	1.838	3.38	8.13	9.4	7.1	1.3	.8	.3	.1	.0									2874	2874	2873		

FORM 0-26-5 (OL A) JUL 64
USAFETAC

Element (X)	ΣX^2	ΣX	\bar{X}	s_A	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	18221354	226476	78.8	1.326	2873							90
Temp	7503143	146395	50.9	4.324	277							90
Temp	6546329	136717	47.0	3.844	274							90
Dew Point	5689245	127080	44.2	4.872	273							90

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL

STATION NAME

39-70

YEARS

MAY

MONTH

PAGE 1 0000-0200
HOURS (C. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.E. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb Dew Point	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30			
78/ 77									.0	.0	.0						3	3	
76/ 73									.0	.0							1	1	
72/ 71									.0	.0							4	4	
70/ 69									.0	.0	.0						4	4	
68/ 67									.1		.0						3	5	
66/ 65									.1	.1							8	6	1
64/ 63									.2	.1	.2						14	14	
62/ 61									.0	.1	.3	.1					20	20	
60/ 59									.6	.8	.4	.2	.1				62	62	19
58/ 57									1.2	2.1	1.2	.3	.1	.0			146	146	40
56/ 55									.3	4.8	3.8	1.2	.4	.1			311	314	108
54/ 53									.1	6.4	6.5	1.5	.2				439	439	251
52/ 51									.5	10.1	7.2	1.8	.2				587	591	227
50/ 49									.6	12.3	6.4	1.1	.3				614	616	417
48/ 47									.8	8.6	3.8	.4	.0				406	406	535
46/ 45									.2	5.5	1.8	.3					232	232	474
44/ 43									.2	1.8	.7	.1					81	81	421
42/ 41									.1	.4	.2						20	20	312
40/ 39									.2		.0						5	6	132
38/ 37									.0	.0							2	2	84
36/ 35																		2	34
34/ 33																			22
32/ 31																			7
TOTAL	2,852	0,033	0,6	8,6	2,2	.4	.1	.1	.1	.1	.1	.0				2974	2965		
																2965	2965		

REvised May EDITIONS OF THIS FORM ARE OBSOLETE
0-26-5 (OLA) FORM JUN 64 USAFETAC

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	
Rel. Hum.	20609336	243620	82.8	9.405	2965						
Temp 15	7854121	152317	51.2	4.223	274				.5	.1	93
6	7026776	143918	48.5	3.725	265						93
Dew Point	6324268	136344	46.0	4.290	2765						93

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC

23211 HAMILTON AFB CALIF/SAN RAFAEL

39-70

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MAY

MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B.-W.B.	TOTAL			
	0	1	2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dy. Bulb	Wet Bulb	Dew Point			
78 / 77																			2	2				
74 / 73																			2	2				
72 / 71																			3	3				
70 / 69																			5	5				
68 / 67																			3	3				
68 / 65																			3	3				
64 / 63																			2	2	1			
62 / 61																			7	7	3			
60 / 59																			36	36	6	1		
58 / 57																			108	111	26	5		
56 / 55																			227	227	84	33		
54 / 53																			371	372	194	104		
52 / 51																			467	468	360	198		
50 / 49																			568	573	505	365		
48 / 47																			520	520	600	680		
46 / 45																			366	366	541	538		
44 / 43																			162	162	351	491		
42 / 41																			73	73	195	344		
40 / 39																			31	31	63	207		
38 / 37																			5	5	27	111		
36 / 35																			1	1	5	41		
34 / 33																			1		26			
32 / 31																						13		
30 / 29																						6		
28 / 27																						1		
TOTAL	5,258	4,289	3,07	.7	.4	.3	.1	.1	.1	.1									2972	2962				
																			2962	2962				

Element (X)	Σ X'	Σ X	X̄	σ _X	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	21553493	251147	84.8	9.349	2962							
Temp.	7453703	148263	49.9	4.394	372							
Wind	6744663	140857	47.6	3.932	362							
Dew-Point	6137077	134177	45.3	4.461	3762							

FORM 0-265 (OLA)
REV. 64
USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SU..

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23211 HAMILTON AFB CALIF/SAN RAFAEL

STATION NAME

39-70

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MONTH

PAGE 1 0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point	
82/ 81											.0							1	1		
80/ 79											.0	.0						3	3		
78/ 77											.0							3	3		
76/ 75											.0	.1						4	4		
74/ 73											.0							6	6		
72/ 71											.1	.1						10	10		
70/ 69											.0	.1						19	19		
68/ 67											.1	.0						30	30	1	
66/ 65											.5	.3	.2	.1	.2	.0		39	39	4	
64/ 63											.1	.5	1.2	.8	.4	.1	.0	96	96	14	
62/ 61											.1	.7	1.7	1.4	.1	.1		128	128	3	
60/ 59											.0	.7	2.6	3.7	.4	.2		275	277	14	
58/ 57											.1	2.2	5.3	3.9	1.0	.5	.2	409	412	126	
56/ 55											.1	3.4	7.9	3.8	1.1	.2		491	492	91	
54/ 53											.2	5.2	7.4	2.2	.7	.2	.0	472	476	205	
52/ 51											.2	6.1	5.3	1.7	.4	.1		410	412	373	
50/ 49											.6	4.2	3.3	.7	.1			268	268	519	
48/ 47											.2	3.1	1.4	.4	.0			152	152	544	
46/ 45											.2	2.1	.7	.1				91	91	455	
44/ 43											.1	.7	.1	.1				29	29	113	
42/ 41											.1	.4	.1					16	16	182	
40/ 39											.1	.1	.0					7	7	119	
38/ 37											.0	.0						2	2	63	
36/ 35																		2	2	33	
34/ 33																				23	
32/ 31																				9	
30/ 29																				2	
28/ 27																				2	
TOTAL	Z.028	535	920	2	8.7	2.7	1.0	.5	.2	.1	.1	.0					2973	2961	2961		
																	2961	2961			
Element (X)	ΣX^2	ΣX	X	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	17936072	227716	76.9	11.962	2961	$\leq 5^{\circ}\text{F}$	$\leq 32^{\circ}\text{F}$	$\leq 67^{\circ}\text{F}$	$\leq 73^{\circ}\text{F}$	$\leq 80^{\circ}\text{F}$	$\leq 93^{\circ}\text{F}$	Total									
	9017943	162973	56.3	5.313	2961				2.4	.5	.1									93	
	7710124	130386	50.9	4.189	2961					.0										93	
Dew Point	5710261	140247	47.6	4.773	2961					.6										93	

REvised RE EDITIONS OF THIS FORM ARE OBSOLETE
0-26-5 (OLA) FORM JR 64 USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL

39-70

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PAGE 1

0900-1100

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point		Dry Bulb	Wet Bulb
94/ 93																		.0			1	1	
92/ 91																				1	1		
90/ 89																		.1			2	2	
88/ 87																		.0			5	5	
86/ 85																		.1			9	9	
84/ 83																		.0			8	8	
82/ 81																		.0			14	14	
80/ 79																		.1			28	28	
78/ 77																		.2			24	34	
76/ 75																		.1			44	44	
74/ 73																		.1			63	63	
72/ 71																		.1			107	107	
70/ 69																		.1			157	157	
68/ 67																		.1			202	203	
66/ 65																		.1			327	329	
64/ 63																		.1			422	423	
62/ 61																		.1			483	487	
60/ 59																		.1			425	426	
58/ 57																		.1			315	315	
56/ 55																		.1			195	195	
54/ 53																		.1			83	83	
52/ 51																		.1			33	33	
50/ 49																		.1			4	4	
48/ 47																		.1			204	469	
46/ 45																		.1			1	66	
44/ 43																		.1			31	236	
42/ 41																		.1			10	170	
40/ 39																		.1			104	104	
38/ 37																		.1			73	73	
36/ 35																		.1			46	46	
34/ 33																		.1			29	29	
32/ 31																		.1			27	27	
30/ 29																		.1			14	14	
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total											
a																							
b																							
Point																							

REvised MAY 1964 FORM 0-26-5 (OL A) USAFETAC

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION STATION NAME

39-70

YEARS

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MONTH

PAGE 2 0900-1100
HOURS (L. S. T.)

U.S. SAFETYAC FORM 0-26-5 (OL-A) EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

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23211 HAMILTON AFB CALIF/SAN RAFAEL

39-70

STATION

STATION NAME

YEARS

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MONTH

PAGE 1 1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL			
	C	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	= 31	Dry Bulb	Wet Bulb	Dew Point			
100/ 99																		.0	.1	1	1	1	
98/ 97																		.1	3	3	3	3	
96/ 95																		.0		2	2	2	
94/ 93																		.0		6	6	6	
92/ 91																		.1	.1	.0		5	
90/ 89																		.0	.0	.0		5	
88/ 87																		.1	.2	.2		24	
86/ 85																		.0	.2	.2		33	
84/ 83																		.1	.3	.3		40	
82/ 81																		.4	.3	.3		40	
80/ 79																		.2	.1	.1		41	
78/ 77																		.3	.2	.2		59	
76/ 75																		.6	.5	.5		59	
74/ 73																		.6	.5	.5		79	
72/ 71																		.1	.0	.0		79	
70/ 69																		.2	.1	.0		79	
68/ 67																		.4	.3	.3		79	
66/ 65																		.6	.5	.5		79	
64/ 63																		.6	.5	.5		79	
62/ 61																		.7	.6	.6		79	
60/ 59																		.8	.7	.7		79	
58/ 57																		.9	.8	.8		79	
56/ 55	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	.9	149	
54/ 53	.2	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	164	
52/ 51	.1	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	215	
50/ 49	.0	.1	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	.0	.1	.2	.3	.4	.5	.6	.7	.8	217	
48/ 47																						217	
46/ 45																						217	
44/ 43																						217	
42/ 41																						217	
40/ 39																						217	
38/ 37																						217	
36/ 35																						217	
34/ 33																						217	
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$> 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total											
Dry F ^{1/2}																							
V	1																						
Dew Int																							

REvised in 1964 EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC FORM 0-265 (OL A) JUN 64

**DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC**

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-

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PAGE 2 1200-1400

HOURS (L. S. T.)

U.S.A.F.E.T.A.C. FORM 0-26-5 (O.L.A.) EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3 23211 HAMILTON AFB CALIF/SAN RAFAEL STATION NAME

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PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																													TOTAL D.B.-W.B.	TOTAL				
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	Dry Bulb	Wet Bulb	Dew Point															
100/ 99																																1	1		
96/ 95																																3	3		
94/ 93																																6	6		
92/ 91																																12	12		
90/ 89																																16	16		
88/ 87																																23	23		
86/ 85																																33	33		
84/ 83																																51	51		
82/ 81																																58	58		
80/ 79																																78	78		
78/ 77																																84	85	2	
76/ 75																																125	125	4	
74/ 73																																147	147	9	
72/ 71																																195	197	12	
70/ 69																																275	276	7	
68/ 67																																296	296	6	
66/ 65																																342	344	15	
64/ 63																																365	365	28	
62/ 61																																322	322	46	
60/ 59																																255	255	102	
58/ 57																																178	178	137	
56/ 55																																75	75	280	
54/ 53																																19	19	318	
52/ 51																																7	7	380	
50/ 49																																3	3	390	
48/ 47																																61	61	339	
46/ 45																																		0	294
44/ 43																																		7	237
42/ 41																																			163
40/ 39																																			108
38/ 37																																			54
36/ 35																																			31
34/ 33																																			16
32/ 31																																			5
Element (X)	Z X ²	Z X	X	ε _X	No. Obs.	Mean No. of Hours with Temperature																											Total		
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

FORM 0-26-5 (OL-A) JUL 64
USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION STATION NAME

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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23211 HAMILTON AFB CALIF/SAN RAFAEL

39-70

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PAGE 1

1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL D.B. W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	Dry Bulb	Wet Bulb	Dew Point
90/ 89										.0								1	1	
88/ 87											.0							1	1	
86/ 85												.1						3	3	
84/ 83										.0	.0	.1	.1					7	7	
82/ 81												.0	.0					5	5	
80/ 79										.0	.1	.0	.0					11	11	
78/ 77										.0	.0	.3	.1	.1	.1			24	24	
76/ 75										.0	.2	.2	.3	.2	.1	.1		34	34	
74/ 73										.0	.1	.3	.2	.1	.1	.2		34	34	1
72/ 71										.0	.2	.2	.6	.2	.4	.1	.3	64	64	
70/ 69										.1	.3	.2	1.0	.5	.4	.2		79	79	5
68/ 67										.0	.6	1.0	.8	.7	.3	.1		106	107	14
66/ 65										.2	1.4	1.4	1.1	1.0	.4	.1		168	168	3
64/ 63										.0	.4	1.5	1.4	1.5	.5	.0		168	169	9
62/ 61										.2	.9	2.0	2.9	1.4	.3			252	253	78
60/ 59										.1	.3	3.1	4.7	2.6	1.4	.3		367	368	145
58/ 57										1.3	5.7	5.9	3.1	.7	.2	.0		502	504	75
56/ 55										.1	2.0	7.6	5.3	1.3	.2	.0		493	496	382
54/ 53										.1	1.9	6.2	3.4	1.3	.1	.0		385	385	537
52/ 51										.1	1.2	2.7	1.5	.3	.1			175	175	626
50/ 49										.4	1.3	.4	.1					66	66	471
48/ 47										.2	.3	.1					19	19	234	
46/ 45										.0	.1						3	3	105	
44/ 43																		24	288	
42/ 41																			6	198
40/ 39																				111
38/ 37																				50
36/ 35																				31
34/ 33																				11
32/ 31																				4
30/ 29																				2
28/ 27																				3
26/ 25																				1
24/ 23																				
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature												Total		
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

REMOVED PER 1000 FORMS OF THIS FORM ARE ABSOLUTE
FORM 0-265 (O-L-A)
JUL 64

USAFETAC

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION STATION NAME

39-70

YEARS

MAY

MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION STATION NAME

39-70

YEARS

MAY

MONTH

PAGE 1 2100-2300
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	Dry Bulb	Wet Bulb	Dew Point
78/ 77										.0	.0							2	2	
76/ 75										.0	.0	.0						4	4	
74/ 73										.1								3	3	
72/ 71										.0	.0							3	3	
70/ 69										.1	.0	.1						8	8	
68/ 67										.0	.1	.0						17	17	
66/ 65										.2	.5	.2						39	39	
64/ 63										.0	.2	.3						34	34	7
62/ 61										.2	.7	.7						71	71	1
60/ 59										.6	2.0	1.8	.9	.1	.1			163	163	14
58/ 57										1.9	4.2	1.6	.7	.2	.0			251	252	29
56/ 55										.2	5.1	7.1	5.1	.6	.0			478	481	72
54/ 53										.0	6.7	9.7	2.8	.6				585	587	183
52/ 51										.5	8.7	8.9	2.9	.4	.1			638	641	304
50/ 49										.2	6.5	6.2	1.1	.1	.0			417	417	486
48/ 47										.1	3.3	2.1	.3	.1				175	175	543
46/ 45										.0	1.2	.5	.1	.0				59	59	339
44/ 43										.3	.1						13	13	381	
42/ 41										.0							1	1	37	222
40/ 39																			8	91
38/ 37																				51
36/ 35																				29
34/ 33																				5
32/ 31																				4
30/ 29																				2
28/ 27																				2
26/ 25																				2
TOTAL	1.034	542.0	15.4	4.5	1.4	.6	.3	.2	.0	.1	.0						2970	2960		
																	2961	2961		
Element (X)	Σx^2	Σx	X	\bar{x}	No. Obs.	Mean No. of Hours with Temperature														Total
Rel. Hum.	18791364	233852	79.0	10.333	2960	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F									93
Dry Bulb	8594454	139249	53.6	4.350	2970			1.2	.3											93
Wet Bulb	7489203	148513	50.2	3.691	2961															93
Dew Pt	6600222	139160	47.0	4.420	2960				.3											93

THIS FORM IS FOR USE IN THE COMPUTATION OF THE DATA ON THIS FORM ARE ON THIS FORM

FORM 0-26-S (OL-A) JUL 64

USAFETAC

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL

39-40,42-70

YEARS

JUN

MONTH

PAGE 1
0000-0200
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	Dry Bulb	Wet Bulb	Dew Point		
78/ 77										.0								3	3			
76/ 75											.0	.1						3	3			
74/ 73												.1						3	3			
72/ 71												.0						9	9			
70/ 69												.1						13	13			
68/ 67												.2	.1					22	22			
66/ 65												.2	.0					30	30	2		
64/ 63												.1	.3	.6	.3			50	50	7	1	
62/ 61												.3	.9	.9	.5			83	83	12	2	
60/ 59												1.5	2.4	1.5	.8	.3		182	182	46	16	
58/ 57												.1	3.2	6.0	1.9	.8	.1		336	336	130	49
56/ 55												.3	7.2	8.1	2.8	.3	.1		523	523	280	98
54/ 53												.3	9.7	9.8	1.6	.1	.0		600	600	454	253
52/ 51												.3	10.2	7.1	.9	.1			520	520	641	381
50/ 49												.4	8.0	3.0	.2	.0			328	328	663	345
48/ 47												.0	1.4	.8	.0	.0			62	62	421	633
46/ 45												.5	.1					17	17	106	443	
44/ 43												.0						1	1	21	225	
42/ 41																				3	79	
40/ 39																				1	31	
38/ 37																					16	
36/ 35																					6	
34/ 33																					3	
32/ 31																					2	
30/ 29																					1	
28/ 27																					2	
26/ 25																						
24/ 23																						
TOTAL	1.4	42.1	38.7	11.1	3.6	1.5	.5	.3	.2	.2	.2	.2	.1					2787	2787			
																		2787	2787			

Element (X)	ΣX^2	ΣX	\bar{X}	ϵ_A	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	18464063	224917	80.7	10.395	2787	$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 92 F$	Total
Dry Bulb	8360483	152181	54.6	4.270	2787			1.0	.3			90
Wet Bulb	7380350	143122	51.4	3.311	2787							90
Dew Point	6602774	135204	48.5	3.960	2787			.2				90

EDITION OF THIS FORM ARE OBSOLETE
REVISED MAY 1964

0-26-5 (OLA)

USAFETAC FORM 10A JUN 64

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL

STATION

STATION NAME

39-40, 42-70

— YEARS

JUN

MONTH

PAGE 1

0300-0500

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	Dry Bulb	Wet Bulb	Dew Point		
76 / 75										.0								1	1			
74 / 73										.0	.0							2	2			
72 / 71										.0	.0							2	2			
70 / 69			.1							.0	.0							4	4			
68 / 67					.0	.1	.1	.0			.1							8	8			
66 / 65				.0	.1	.1	.1	.0		.1	.1							14	14			
64 / 63	.0	.1	.1	.3	.2	.1				.0								24	24	3		
62 / 61	.2	.6	.6	.2	.1													49	49	2		
60 / 59	.0	1.3	2.7	.7	.4	.2												149	149	19	11	
58 / 57	.1	3.3	4.3	1.5	.6													273	273	90	35	
56 / 55	.2	6.4	7.2	1.6	.3	.0												437	437	237	78	
54 / 53	.2	10.6	8.3	1.5	.3													582	582	373	216	
52 / 51	.6	11.7	5.9	1.0	.1													538	538	616	365	
50 / 49	.7	9.9	4.8	.4	.1													441	441	663	540	
48 / 47	.5	4.3	1.6															179	179	465	606	
46 / 45	.0	2.2	.3															71	71	233	439	
44 / 43	.4	.0	.0															13	13	72	291	
42 / 41																		13	13	130		
40 / 39																				1	44	
38 / 37																					17	
36 / 35																					5	
34 / 33																					5	
32 / 31																					2	
30 / 29																					1	
28 / 27																					1	
24 / 23																					1	
TOTAL	2,350	435	5.8	7.5	2.3	.8	.3	.1	.1	.3	.1							2787	2787	2787	2787	
																		2787	2787			

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL

39-40, 42-70

YEARS

JUN

MONTH

PAGE 1 0600-0800
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B., W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point		
86/ 85																			1	1		
82/ 81																			3	3		
80/ 79										.0	.0	.0	.0						5	5		
78/ 77										.0	.1	.1	.0						4	4		
76/ 75										.0	.1	.3	.1	.1	.1				21	21		
74/ 73										.1	.1	.3	.2	.1	.0	.0			24	24		
72/ 71										.0	.1	.2	.2	.0	.1	.0			25	25	2	
70/ 69										.1	.1	.6	.6	.4	.3	.0	.0		60	60		1
68/ 67										.3	.6	1.0	.8	.4	.0	.1			67	67	4	
66/ 65										.1	.4	1.1	1.8	1.3	.4	.0	.0		147	147	17	2
64/ 63										.1	1.0	2.8	2.4	1.1	.4	.0			218	218	34	6
62/ 61										.7	2.3	3.2	2.3	.9	.0	.0			319	319	78	15
60/ 59										.1	1.4	5.7	5.8	2.6	.5	.0			440	440	180	59
58/ 57										.0	2.5	8.4	3.9	1.2	.2	.1			453	453	323	94
56/ 55										.1	3.3	9.3	2.0	.6	.1				426	426	548	195
54/ 53										.1	4.8	5.3	.8	.1					311	311	601	345
52/ 51										.1	3.2	2.3	.3	.0					166	166	560	564
50/ 49										.1	1.4	.9	.0						66	66	298	628
48/ 47										.2	.2								11	11	111	434
46/ 45										.1								2	2	30	235	
44/ 43																			3	102		
42/ 41																				60		
40/ 39																					31	
38/ 37																					8	
36/ 35																						7
30/ 29																						1
26/ 25																						1
24/ 23																						1
TOTAL	.417	.836	.222	.012	.6	6.0	2.3	.7	.5	.3	.1	.1	.1	.1	.0			2789	2789	2789		
																		2789	2789			
Element (X)	Zx ²	Zx	X	X ²	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.	15648763	206141	72.912.162	2789	= 0 F	= 32 F	= 67 F	= 73 F	= 90 F	= 93 F	Total											
Dry Bulb	9756332	164288	58.9 5.317	2789			7.4	1.9	.2		90											
W. Dew	8183266	130724	34.0 3.681	2789			5.2				90											
D. Dew	7070703	139939	30.2 4.201	2789			3.1	4.0			90											

FORM 0-26-5 (OLA) JUN 44 USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

3

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL STATION

39-40, 42-70

JUN

MONTH

PAGE 1 0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31					
98/ 97																		0	1	2		
96/ 95																		0	1	1		
94/ 93																		0	1	1		
92/ 91																		0	6	6		
90/ 89																		0	10	10		
88/ 87																		0	15	15		
86/ 85																		0	21	21		
84/ 83																		0	36	36		
82/ 81																		0	37	37		
80/ 79																		0	55	55		
78/ 77																		0	66	66	1	
76/ 75																		0	103	104	3	
74/ 73																		0	146	146	3	
72/ 71																		0	191	191	23	
70/ 69																		0	272	272	40	
68/ 67																		0	361	361	61	
66/ 65																		0	418	418	134	
64/ 63																		0	384	384	224	
62/ 61																		0	306	306	373	
60/ 59																		0	186	186	517	
58/ 57																		0	86	86	558	
56/ 55																		0	46	46	477	
54/ 53																		0	16	16	244	
52/ 51																		0	4	4	96	
50/ 49																		0	31	330		
48/ 47																		0	3	172		
46/ 45																		0			108	
44/ 43																		0			62	
42/ 41																		0			36	
40/ 39																		0			30	
38/ 37																		0			16	
36/ 35																		0			10	
34/ 33																		0			2	
32/ 31																		0			2	
Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature															Total	
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$											
Dry Bulb																						
V _D																						
D _D Cent																						

REMOVED FROM THIS FORM ARE OBLIGATORY

FORM 0-26-5 (OL-A) JUL 64
USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

MILTON AFB CALIF/SAN RAFAEL

STATION NAME

39-40,42-70

YEARS

JUN

MONTH

PAGE 2 0900-1100

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	22-24	25-26	27-28	29-30	>31							
30/ 29																				2				
28/ 27																				2				
26/ 25																				2				
24/ 23																				2				
TOTAL	.0	1.5	10.8	23.6	22.5	17.8	11.1	6.0	2.4	1.4	.8	.8	.5	.6	.2	.1	.0	2788	2789	2788	2788	2788		

FORM 0-26-S (OLA) USAFETAC R1-64 EDITION ONE EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	Z _{X'}	Z _X	X	x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.	11071123	171973	61.7	12.164	2788						
Dry Bulb	12749425	187637	67.3	6.003	2788			43.3	16.7	5.1	.1
W. Fr.	9702782	161057	58.8	4.194	18			4.2	.2		
Dew	7884593	147493	52.9	3.410	68			.3	.6	.1	

DATA PROCESSING DIVISION
USAF STAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION STATION NAME

$$39 - 40, 42 = 70$$

YEARS

JUN

MONTH

PAGE 1 1200-1400
HOURS (L.S.T.)

HOURS (L. S. T.)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-40, 42-70

STATION **STATION NAME**

39-40, 42-70

JUN

MCNTH

PAGE 2 1200-1400
HOURS (L. S. T.)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL

39-40, 42-70

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point
106/105																		1	1	
104/103																		1	1	
102/101																		1	1	
100/ 99																		1	1	
98/ 97																		12	12	
96/ 95																		16	16	
94/ 93																		20	20	
92/ 91																		40	40	
90/ 89																		45	45	
88/ 87																		58	58	
86/ 85																		85	85	
84/ 83																		84	84	1
82/ 81																		86	86	1
80/ 79																		139	139	8
78/ 77																		187	187	4
76/ 75																		255	255	3
74/ 73																		251	251	9
72/ 71																		292	292	10
70/ 69																		331	331	14
68/ 67																		276	276	30
66/ 65																		235	235	35
64/ 63																		163	163	49
62/ 61																		97	97	107
60/ 59																		65	65	183
58/ 57																		25	25	229
56/ 55																		13	13	311
54/ 53																		5	5	320
52/ 51																		1	1	349
50/ 49																			12	362
48/ 47																			3	311
46/ 45																				185
44/ 43																				131
42/ 41																				61
40/ 39																				29
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature													Total	
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\geq 80 F$	$\geq 93 F$									
Dry Bulb																				
Wet Bulb																				
Dew pt						()														

REMOVED REV EDITIONS OF THIS FORM ARE OBSOLETE
0-26-S (OLA) FORM JUN 64 USAFETAC

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION STATION NAME

39-40, 42-70

YEARS

JUN

MONTE

PAGE 2

1500-1700

Hours (L. S. T.)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-40, 42-70

JUN

MONTH

PAGE 1 1800-2000
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B., W.B.	TOTAL
	0	-.2	3-4	5-6	7-8	9-10	11	12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		
96/ 95											.0	.0					.0		3	3
94/ 93																			1	1
92/ 91											.0								2	2
90/ 89											.0								5	5
88/ 87											.0								11	11
86/ 85											.1	.0	.1	.0	.1	.0	.2	.1	17	17
84/ 83											.1	.0	.1	.1	.1	.0	.2	.1	22	22
82/ 81											.1	.0	.1	.3	.1	.3	.1	.0	30	30
80/ 79											.1	.1	.2	.2	.3	.5	.3	.1	56	56
78/ 77											.1	.3	.3	.2	.4	.5	.3	.1	59	59
76/ 75											.0	.1	.3	.4	.4	.7	.5	.0	81	81
74/ 73											.3	.6	.6	.5	.8	.5	.2	.1	101	101
72/ 71											.1	.4	.7	.8	.6	.5	.2		112	112
70/ 69											.1	.9	1.7	1.4	1.7	1.2	.3	.0	202	202
68/ 67											.0	.4	.9	1.9	2.3	1.5	.5	.4	215	215
66/ 65											.0	.6	1.8	2.6	2.2	1.3	.2	.0	245	245
64/ 63											.1	1.1	2.9	3.3	2.3	.8	.1		296	296
62/ 61											.3	1.7	3.9	3.7	1.5	.3			317	317
60/ 59											.2	3.9	6.0	3.3	.2				376	376
58/ 57											.7	4.7	4.8	1.2	.2				323	323
56/ 55											.1	4.1	2.0	.5					211	211
54/ 53											.5	1.9	.5	.1					83	83
52/ 51											.3	.3	.0	.0					17	17
50/ 49											.1								2	2
48/ 47																			22	445
46/ 45																			2	286
44/ 43																				1
42/ 41																				150
40/ 39																				69
38/ 37																				29
36/ 35																				13
34/ 33																				11
32/ 31																				5
30/ 29																				2
																				2
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.																				Total
Dry Bulb																				
Wet Bulb																				
Dew Point																				

REvised May 1968 EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OLA) JUL 68

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-40,42-70

STATION

~~CHICAGO RADIO~~
STATION NAME

$$39-40, 42-70$$

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**3 USAF ETAC
AIR WEATHER SERVICE/MAC**

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-40,42-70

STATION STATION NAME

39-40, 42-70

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2100-230

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION STATION NAME

39-70

JUL

MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	Dry Bulb	Wet Bulb	Dew Point
70 / 69					.1	.0											4	4	
68 / 67			.1	.1	.0												6	6	
66 / 65		.0	.1	.0	.1	.1	.0										10	10	1
64 / 63	.0	.1	.2	.7	.3	.1	.1										44	44	7
62 / 61		.3	1.1	1.3	.3	.0											69	89	11
60 / 59	.1	1.4	3.8	1.8	.4	.0											225	225	24
58 / 57		5.9	7.9	1.9	.2												476	476	150
56 / 55	.2	13.7	8.8	1.1	.0												710	710	449
54 / 53	.2	14.7	8.5	.4													710	710	731
52 / 51	.3	11.8	3.5	.0													466	466	791
50 / 49	.4	5.4	.9	.0													199	199	578
48 / 47	.2	1.0	.0														35	35	200
46 / 45		.0															1	1	32
44 / 43																			1
42 / 41																			6
40 / 39																			3
TOTAL		1.454	9.35	0.7	5.5	1.3	0.3	0.1									2975	2975	2973

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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23211 HAMILTON AFB CALIF/SAN RAFAEL

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YEARS

JUL

MONTH

PAGE 1 0300-0900

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B. & W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31		
68/ 67																	1	1	
66/ 65	.1	.2				.0											11	11	
64/ 63	.0	.0	.3			.0											11	11	4
62/ 61	.2	.4	.4	.0													30	30	7
60/ 59	1.4	2.3	.5	.0	.1												130	130	8
58/ 57	.1	6.6	5.1	1.0	.0												381	381	93
56/ 55	.2	13.6	3.9	.6		.0											393	393	399
54/ 53	.7	16.2	6.6	.2													704	704	570
52/ 51	.8	16.2	3.4	.1													609	609	783
50/ 49	.8	10.0	1.6														368	368	664
48/ 47	.0	3.0	.3														117	117	334
46/ 45	.1	.4															16	16	100
44/ 43		.0															1	1	10
42/ 41																			22
40/ 39																			1
38/ 37																			1
TOTAL	3.467	825.4	3.2	.1	.1	.0										2972	2972	2972	
																2972	2972		

EDITIONS OF THIS FORM ARE OBSOLETE

0-265 (GLA) JUL 64

Element (X)	Z_X^1	Z_X	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\geq 80 F$	$\geq 93 F$
Rel. Hum.	22540846	258190	86.9	6.107	2972	0	0	0	0	0	0
Dry Bulb	8585250	159650	53.7	3.213	2972						
V	7922644	193206	31.5	2.907	72						
Dew pt	7391958	147942	49.8	3.048	72						

DATA PROCESSING DIVISION
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0600-0800

HOURS (L. S. T.)

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	Dry Bulb	Wet Bulb	Dew Point		
82/ 81																		1	1			
78/ 77		.0																1	1			
76/ 75																		1	1			
74/ 73																		4	4	1		
72/ 71																		20	20		1	
70/ 69																		47	47			
68/ 67																		93	93			
66/ 65																		156	156	6		
64/ 63																		206	206	37	4	
62/ 61																		341	341	85	15	
60/ 59	.0	1.8	5.3	4.6	.3	.2	.0											454	454	208	43	
58/ 57	.1	5.1	9.9	1.8	.1	.0												304	304	455	130	
56/ 55	.1	6.9	7.5	.5														507	507	683	315	
54/ 53	.3	8.6	3.8	.1														377	377	706	666	
52/ 51	.3	6.2	1.0															173	173	499	784	
50/ 49	.2	1.9	.3															70	70	218	649	
48/ 47	.1	.3	.0															14	14	60	249	
46/ 45																				11	82	
44/ 43																					20	
42/ 41																					8	
40/ 39																					2	
38/ 37																					1	
TOTAL	1.131	8.37	219.0	7.7	2.6	.5	.1	.0									2969	2969	2969			
																	2969	2969				

USAFETAC FORM 0-26-5 (OL A) JUL 64
REvised May 1964 EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	Z_X^2	Z_X	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	19078750	236274	79.6	9.643	2969							
Dry Bulb	10159360	173122	58.3	4.066	2969							
Wet Bulb	6882362	162102	54.6	3.277	2969							
Dew Pt	7997240	153814	51.8	3.106	2969							

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION STATION NAME

39-70

YEAR:

JUL

MONTH

PAGE 1 0900-1100
HOURS (L. S. - 1)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B.-W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	Dry Bulb	Wet Bulb	Dew Point
94/ 93							.0								.0			2	2	
90/ 89										.0	.0	.0	.0					3	3	
88/ 87							.1											6	6	
86/ 85									.0	.1	.0	.1	.1	.0				12	12	
84/ 83						.0	.1		.2	.1	.0							13	13	
82/ 81					.0	.0	.0	.3	.4	.1	.1	.1						29	29	
80/ 79				.0	.2	.4	.7	.3	.1	.0	.0	.0						52	52	
78/ 77			.0	.2	.3	1.0	.7	.2	.0	.0								75	75	
76/ 75				.1	.3	1.1	1.8	.6	.1	.0								124	124	
74/ 73			.0	.4	1.2	2.2	1.8	.5	.1	.0								185	185	
72/ 71			.3	.6	2.2	4.5	1.6	.6	.0	.0								292	6	
70/ 69			.5	1.5	5.4	3.4	1.0	.1										356	356	
68/ 67			.0	.8	3.2	7.5	1.8	.4	.0									410	410	
66/ 65			.1	1.4	6.6	6.1	.6	.1										446	446	
64/ 63			.1	2.3	8.8	2.6	.2	.0										422	422	
62/ 61			.2	3.0	5.5	.4	.0											271	271	
60/ 59			.3	2.7	2.5	.1												164	164	
58/ 57			.3	2.3	.2													82	82	
56/ 55			.2	.6	.0													26	26	
54/ 53			.0	.1														4	4	
52/ 51																		15	408	
50/ 49																		1	165	
48/ 47																				45
46/ 45																				11
44/ 43																				4
42/ 41																				2
40/ 39																				1
38/ 37																				1
TOTAL	1.2	2.1	4.2	2.9	5.2	6.1	4.5	8.4	3.6	1.4	.6	.3	.1	.1	.0			2974	2974	

SAFETY FROM THE POINT OF VIEW OF THE LAW AND ETHICS

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						
	13240157	196015	63.9	10.389		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F		
Rel. Hum.	13610431	200483	67.4	9.667	2974			48.8	15.7	3.1	.1	93
Dry Bulb	10737522	178552	60.0	3.560	2974			4.0	.2	.0	.0	93
Wind	9109472	164231	55.2	3.680	74			.6	.1	.0	.0	93

CATA PROCESSING DIVISION
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33211 HAMILTON AFB CALIF/SAN RAFAEL

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1200-1400

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B. W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point
100/ 99																		3	3	
98/ 97																		3	3	
96/ 95																		9	9	
94/ 93																		29	29	
92/ 91																		42	42	
90/ 89																		55	55	
88/ 87																		92	92	
86/ 85																		135	138	
84/ 83																		158	158	
82/ 81																		244	244	2
80/ 79																		314	315	6
78/ 77																		381	381	15
76/ 75																		366	367	5
74/ 73																		369	369	8
72/ 71																		329	329	22
70/ 69																		230	230	38
68/ 67																		123	123	65
66/ 65																		46	46	123
64/ 63																		24	24	206
62/ 61																		4	4	381
60/ 59																		1	1	599
58/ 57																		40	40	643
56/ 55																		1	1	417
54/ 53																				229
52/ 51																				110
50/ 49																				62
48/ 47																				27
46/ 45																				23
44/ 43																				6
42/ 41																				2
38/ 37																				1
36/ 35																				1
32/ 31																				1
30/ 29																				1
Element (X)	Z _{X'}	Z _X	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature														Total
Rel. Hum.						$\leq 0^{\circ}\text{F}$	$\leq 32^{\circ}\text{F}$	$\leq 67^{\circ}\text{F}$	$\leq 73^{\circ}\text{F}$	$\leq 90^{\circ}\text{F}$	$\geq 93^{\circ}\text{F}$									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

REMOVED MI FORM 0-26-5 (OLA) JUL 64 USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
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PSYCHOMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL
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HOURS (L. S. T.)

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DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

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1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	Dry Bulb	Wet Bulb	Dew Point
102/101																	.1	4	4
100/ 99																	.1	5	5
98/ 97																		8	8
96/ 95																		10	18
94/ 93																		8	8
92/ 91																		21	21
90/ 89																		50	50
88/ 87																		66	66
86/ 85																		95	95
84/ 83																		121	121
82/ 81																		181	181
80/ 79																		279	279
78/ 77																		338	338
76/ 75																		417	417
74/ 73																		423	433
72/ 71																		369	369
70/ 69																		260	260
68/ 67																		169	169
66/ 65																		83	83
64/ 63																		36	36
62/ 61																		9	9
60/ 59																		.6	.6
58/ 57																		212	212
56/ 55																		61	481
54/ 53																		7	411
52/ 51																			315
50/ 49																			231
48/ 47																			127
46/ 45																			77
44/ 43																			28
42/ 41																			23
40/ 39																			11
38/ 37																			
36/ 35																			

Element (X)	Z_X^2	Z_X	\bar{X}	S_X	No. Obs.	Mean No. of Hours with Temperature					
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F
Dry Bulb											
Wet Bulb											
Dew Point											

**3 USAF ETAC
AIR WEATHER SERVICE/MAC**

**3 USAF ETAC
AIR WEATHER SERVICE/MAC**

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION STATION NAME

STATION

HAMILTON AFB CALIF/SAN RAFAEL

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1500-1700
HOURS (L. S. T.)

HOURS (L. S. T.)

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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**DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

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23211 HAMILTON AFB CALIF/SAN RAFAEL
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0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	Dry Bulb	Wet Bulb	Dew Point	
72/ 71																	1	1		
70/ 69					.0				.0	.0							3	3		
68/ 67																	7	7		
66/ 65		.1	.1	.1	.5	.2	.0										27	27		
64/ 63		.3	.4	.4	.5	.0											50	50	4	2
62/ 61		.4	2.1	1.5	.4	.1	.1										140	140	16	3
60/ 59		2.4	3.8	2.9	.4	.0											284	284	38	18
58/ 57		.1	5.0	9.4	2.3	.2	.1										508	508	202	39
56/ 55		.1	12.6	9.8	1.3	.0											709	710	446	180
54/ 53		.2	15.1	6.9	.5												676	676	772	397
52/ 51		.3	11.7	2.1													417	417	847	746
50/ 49		.5	3.5	.3													129	129	524	866
48/ 47		.2	.5	.1													22	22	112	513
46/ 45		.0	.0														2	2	13	173
44/ 43																			1	27
42/ 41																				4
40/ 39																				4
38/ 37																				2
TOTAL	1.451	6.95	5.0	9.1	2.2	.5	.2										2976	2976	2974	
																	2975	2975		

FORM 0-26-5 (OL-A) REvised M.L. EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64 USAFETAC

Element (X)	Z_x^1	Z_x	X	X_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	20983140	248740	83.6	7.907	2975							
Dry Bulb	9181150	164970	93.4	3.384	2976							
Wet Bulb	8283228	136774	92.6	2.703	79							
Dew Point	7591078	190010	90.6	2.870	79							

DATA PROCESSING DIVISION
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23211 HAMILTON AFB CALIF/SAN RAFAEL

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0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	Dry Bulb	Wet Bulb	Dew Point	
68/ 67				.1	.1					.0							5	5		
66/ 65	.1	.0	.0	.0													5	5		
64/ 63	.2	.2	.3	.1													22	22	3	2
62/ 61	.7	.9	.7	.2	.0												77	77	10	2
60/ 59	2.0	2.2	.8	.3	.0												156	158	37	13
58/ 57	.0	4.9	5.8	.7	.1	.0											342	342	129	47
56/ 55	.5	13.1	7.0	.9	.0												640	642	330	148
54/ 53	.7	16.1	6.1	.4	.1												696	696	649	359
52/ 51	1.0	16.5	3.9	.1													641	641	802	673
50/ 49	1.2	7.6	1.1	.1													296	296	670	803
48/ 47	.5	1.9	.3														79	79	259	554
46/ 45	.1	.3	.0														13	13	74	266
44/ 43																			9	81
42/ 41																				18
40/ 39																				4
38/ 37																				1
36/ 35																				
TOTAL	4.163	327.6	4.1	.8	.1	.0											2976	2972		
																	2972	2972		

Editions of this form are obsolete
REVISED PER
0-26-5 (OLAS) JUL 64
USAFETAC

Element (X)	Z _{X²}	Z _X	X	X _X	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	22307374	236706	86.6	6.7/6	2972							
Dry Bulb	0717483	160773	54.0	3.280	2976							93
Wet Bulb	8006262	154011	31.8	2.119	72							93
Dew Point	7447867	148493	30.0	3.100	72							93

DATA PROCESSING DIVISION
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23211 HAMILTON AFB CALIF/SAN RAFAEL

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0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
74/ 73								.0	.0									2	2	
72/ 71								.1	.0	.1	.1	.1						9	9	
70/ 69								.0	.3	.2	.4	.0	.0					30	30	
68/ 67								.0	.2	.7	.9	.3	.1					67	67	1
66/ 65								.0	.3	1.7	1.1	.3	.1					105	105	5
64/ 63								.1	1.6	3.5	1.2	.1	.0	.0				196	196	20
62/ 61								.0	3.6	4.5	.6	.1						291	291	59
60/ 59								.0	2.2	7.9	3.5	.4	.0					417	418	41
58/ 57								5.1	9.9	1.4	.1							489	490	123
56/ 55								310.2	7.7	.3								551	552	293
54/ 53								710.6	3.6	.2								442	442	655
52/ 51								.6	6.4	1.3	.1							250	250	560
50/ 49								.4	2.1	.5	.0							91	91	614
48/ 47								.2	.6	.1								26	26	268
46/ 45								.1	.1	.0								7	7	89
44/ 43																			5	34
42/ 41																				7
40/ 39																				2
38/ 37																				1
TOTAL	2,438	236	616	2	4.8	1.3	.3	.1	.1								2976		2973	
																	2973	2973		

EDITIONS OF THIS FORM ARE OBSOLETE

REvised PC FORM 2-26-5 (OL A)

USAFETAC JUN 64

Element (X)	Z_X^2	Z_X	\bar{X}	S_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	20002398	242348	81.3	9.118	2973							
Dry Bulb	9879958	170946	57.6	4.511	2976			3.4	.1			93
Wet Bulb	8791004	161004	54.2	3.269	73				.0			93
Dew Point	7739730	133358	51.7	2.087	73							93

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL

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0900-1100

HOURS (L. S. T.)

YEARS

EDITIONS OF THIS FORM ARE OBSOLETE

REF ID: A 0-26-5 (OL-A) JUL 64

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
94/ 93																		1	1	
88/ 87																		3	3	
86/ 85																		5	5	
84/ 83																		10	10	
82/ 81																		20	20	
80/ 79																		32	32	
78/ 77																		48	48	
76/ 75																		115	115	
74/ 73																		174	174	3
72/ 71																		240	241	1
70/ 69																		357	357	2
68/ 67																		439	440	10
66/ 65																		471	472	14
64/ 63																		415	415	37
62/ 61																		318	318	94
60/ 59																		200	200	261
58/ 57																		80	80	484
56/ 55																		39	39	782
54/ 53																		6	6	720
52/ 51																		22	22	408
50/ 49																			1	108
48/ 47																				22
46/ 45																				10
44/ 43																				5
42/ 41																				4
40/ 39																				2
38/ 37																				
TOTAL	2.215	9.91	9.22	6.12	9.73	2.07	1.01	.93	.82	.81	.81	.80					2976	2973		
																	2973	2973		
Element (X)	ΣX^2	ΣX	X	\bar{x}	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.	13736863	199797	67.2	10.208	2973	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb	13338022	198612	66.7	3.244	2976			43.2	13.7	1.7	.0	93								
Wet Bulb	10649332	177674	59.0	3.239	2973				2.2	.1		93								
Dew Point	9074497	163961	55.2	3.253	2973				.9			93								

DATA PROCESSING DIVISION
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23211 HAMILTON AFB CALIF/SAN RAFAEL

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1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	Dry Bulb	Wet Bulb	Dew Point	
100/ 99																	2	2		
98/ 97																	2	2		
96/ 95										.0	.0	.2	.1	.0	.1		9	9		
94/ 93											.1	.2	.1	.0	.1		16	16		
92/ 91											.0	.0	.3	.1	.2	.1		24	24	
90/ 89											.1	.2	.2	.3	.2	.0		29	29	
88/ 87											.0	.1	.4	.3	.2	.1		47	47	
86/ 85											.1	.1	.3	.9	.7	.2		82	82	
84/ 83											.0	.0	.0	.0	.0	.0		109	109	
82/ 81											.1	.0	.2	.2	.4	.8		157	157	
80/ 79											.2	.7	.9	.3	.8	.3		216	216	1
78/ 77											.1	.2	.5	3.2	3.9	1.6	.4	307	309	2
76/ 75												.2	.7	2.3	6.1	2.4		377	377	11
74/ 73												.1	.5	1.3	4.9	4.8	.2	401	402	12
72/ 71												.1	.9	2.7	6.8	2.6	.3	396	396	9
70/ 69												.3	1.1	4.8	5.3	.6	.0	361	361	115
68/ 67												.0	.4	1.7	4.5	.8	.2	228	228	22
66/ 65												.0	.3	1.8	2.1	.0	.0	128	128	549
64/ 63												.1	1.8	.1				60	60	702
62/ 61												.2	.5					19	19	724
60/ 59												.0	.1					3	3	429
58/ 57																				118
56/ 55																				661
54/ 53																				13
52/ 51																				749
50/ 49																				462
48/ 47																				209
46/ 45																				87
44/ 43																				42
42/ 41																				23
40/ 39																				13
38/ 37																				7
36/ 35																				3
34/ 33																				2
32/ 31																				1
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature														
Ref. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

**DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC**

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL
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23211 HAMILTON AFB CALIF/SAN RAFAEL
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PAGE 1 1800-2000
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
92/ 91																	0	1	1	
90/ 89																	0	1	1	
88/ 87																	0	3	3	
86/ 85																	1	11	11	
84/ 83																	1	13	13	
82/ 81																	2	24	24	
80/ 79																	1	34	34	
78/ 77																	2	62	62	
76/ 75																	0	86	86	1
74/ 73																	0	133	133	1
72/ 71																	0	206	206	1
70/ 69																	0	324	324	7
68/ 67																	0	339	340	51
66/ 65																	0	370	370	102
64/ 63																	0	355	355	229
62/ 61																	0	360	360	404
60/ 59																	0	333	334	488
58/ 57																	0	207	208	676
56/ 55																	0	89	89	598
54/ 53																	0	19	19	311
52/ 51																	0	94	636	
50/ 49																	0	7	434	
48/ 47																	0		196	
46/ 45																	0		65	
44/ 43																	0		28	
42/ 41																	0		13	
40/ 39																	0		4	
38/ 37																	0		3	
36/ 35																	0		1	
34/ 33																	0		1	
26/ 25																	0		3	
TOTAL	2.619	926	422	412	1	7.3	3.6	2.6	1.6	.8	.3	.2	.1	.1			2973	2970	2970	
																	2970	2970		
Element (X)	Z X ²	Z X	X	X _a	No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	13235025	194335	65.512.390		2970		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total							
Dry Bulb	12916005	193139	62.6	6.018	2970				38.7	16.5	2.1								93	
Wet Bulb	10132777	173139	59.2	3.607	2970					1.9	.1								93	
Dew Point	8437810	197790	59.1	4.264	2970					.1	.2	.0							93	

DATA PROCESSING DIVISION
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PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point	
78/ 77										.0								1	1		
76/ 75										.0								1	1		
74/ 73										.0	.1	.0	.0					5	5		
72/ 71										.0	.1	.0						10	10		
70/ 69	.0	.1	.3	.2	.2	.2	.2	.2	.1	.0								32	32		
68/ 67	.1	.3	.4	.6	.3	.1	.0	.0		.1								62	62	3 2	
66/ 65																		124	124	6 1	
64/ 63	.3	1.7	2.3	1.7	.3	.1												187	189	28 3	
62/ 61																		335	335	69 21	
60/ 59																		500	500	156 52	
58/ 57																		560	560	355 115	
56/ 55	.1	9.4	10.3	1.0														617	619	655 241	
54/ 53	.1	8.8	4.2	.1														392	393	883 301	
52/ 51	.1	3.5	.4	.0														118	118	616 784	
50/ 49		.8	.0															24	24	180 781	
48/ 47																				17	351
46/ 45																					85
44/ 43																					24
42/ 41																					2
40/ 39																					1
38/ 37																					1
36/ 35																					2
34/ 33																					1
32/ 31																					1
30/ 29																					1
28/ 27																					1
TOTAL	.229	441	0.018	.9	7.3	2.2	.6	.2	.1	.1	.0							2974	2970	2970	
																		2970	2970		
Element (X)	Zx ²	Zx	X	x	No. Obs.	Mean No. of Hours with Temperature															Total
Rel. Hum.	15637616	233504	78.6	9.699	2970	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F									93	
Dry Bulb	10120774	173064	58.2	4.091	2974			3.5	2											93	
Wind	1805409	161481	34.4	2.934	2970			0.6												93	
Humid	7866877	192547	31.4	3.253	2970			0.1	0.1											93	

REVISION PR. EDITIONS OF THIS FORM ARE OBSOLETE

O-26-5 (OLA) FORM JUL 64 USAFETAC

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DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point	
88/ 87																		1	1		
80/ 79																		2	2		
78/ 77																		2	2		
76/ 75																		4	4		
74/ 73																		6	6		
72/ 71																		11	11		
70/ 69																		18	18		
68/ 67																		36	36	1	
66/ 65																		66	66	8	
64/ 63																		113	113	16	
62/ 61																		173	173	21	
60/ 59																		285	285	44	
58/ 57																		430	430	89	
56/ 55																		483	486	190	
54/ 53																		348	348	334	
52/ 51																		367	367	516	
50/ 49																		208	208	613	
48/ 47																		81	81	415	
46/ 45																		32	32	277	
44/ 43																		8	8	150	
42/ 41																			19	69	
40/ 39																			4	47	
38/ 37																			3	30	
36/ 35																				10	
34/ 33																				17	
32/ 31																				15	
30/ 29																				13	
28/ 27																				7	
26/ 25																				6	
24/ 23																				1	
22/ 21																				1	
20/ 19																				2	
18/ 17																				1	
Element (X)	Z X!	Z X	X	X	No. Obs.	Mean No. of Hours with Temperature												Total			
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F										
Dry Bulb																					
Present																					

REvised MARCH EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OLA) XM-64

**DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC**

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DATA PROCESSING DIVISION
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0300-0500

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	* 31	Dry Bulb	Wet Bulb	Dew Point			
78/ 77										.0	.0							1	1				
76/ 75										.0	.0	.0						3	3				
74/ 73										.1								5	5				
72/ 71										.0	.1							5	5				
70/ 69										.1								7	7				
68/ 67										.0	.1							15	15				
66/ 65	.1	.0	.4	.1	.1	.2	.1	.2	.1	.1								29	29	2	2		
64/ 63	.1	.5	.3	.3	.1	.3	.1	.3	.1	.1								53	53	9	1		
62/ 61	.0	.9	1.8	.9	.9	.5	.5	.5	.1	.1	.1							140	140	39	15		
60/ 59	.2	1.8	3.1	1.2	.7	.3	.1	.0	.0									218	218	73	39		
58/ 57	.4	4.1	3.9	2.0	.4	.1	.1											316	316	133	74		
56/ 55	.7	8.1	4.3	1.3	.4	.3	.1											437	438	337	142		
54/ 53	.8	11.5	4.9	1.0	.3	.1												538	540	455	322		
52/ 51	1.0	11.3	2.7	.7	.3	.2												468	468	609	456		
50/ 49	2.2	6.8	2.1	.4	.3													339	339	341	584		
48/ 47	1.0	3.6	.9	.2	.2													169	169	313	486		
46/ 45	.5	1.7	.9	.1	.0													79	79	210	276		
44/ 43	.1	.8	.1	.2	.0													36	36	78	177		
42/ 41	.0	.4		.0														13	13	48	110		
40/ 39	.0	.0	.0	.0														3	3	18	61		
38/ 37																				7	52		
36/ 35																				1	18		
34/ 33																				1	15		
32/ 31																				1	16		
30/ 29																					14		
28/ 27																					6		
26/ 25																					3		
24/ 23																					2		
22/ 21																					1		
20/ 19																					2		
18/ 18																					2		
TOTAL	7.351	6.625	3.1	5.7	3.5	2.1	.7	.3	.1	.3	.2	.1						2477	2874	2874			
																		2874	2874				
Element (X)	Z X ²	Z X	X	x	No. Obs.		Mean No. of Hours with Temperature																
Rel. Hum.	20344657	239051	82.2	12.668	2874		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total										
Dry Bulb	8470465	193494	54.0	4.806	2877									1.1	3							90	
W.	7389140	147200	51.2	4.167	2874																	90	
Avg	6888788	129862	48.7	3.357	2874																	90	

DATA PROCESSING DIVISION
USAF ETAC
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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	Dry Bulb	Wet Bulb	Dew Point				
84/ 83									.1	.0									1	1				
80/ 79										.0									4	4				
78/ 77										.0									4	4				
76/ 75									.1	.0									8	8				
74/ 73										.1									12	12				
72/ 71									.1	.2	.4	.1	.1	.0	.1			30	30					
70/ 69									.2	.3	.2	.3	.1	.0	.1	.1		41	41					
68/ 67									.4	.6	.2	.1	.2	.1	.0			51	51	1				
66/ 65									.1	.2	.6	.9	.5	.2		.1		95	95	11	3			
64/ 63									.8	1.7	2.5	1.1	.5	.4	.2			210	210	35	2			
62/ 61									.8	3.4	3.0	1.0	.3	.2	.1			230	230	72	32			
60/ 59									.0	2.2	5.8	2.6	.8	.3	.1	.0		344	344	162	48			
58/ 57									.1	4.7	2.5	2.0	.7	.1	.0	.0		371	372	329	136			
56/ 55									.5	7.2	5.1	1.2	.2	.1	.0			414	414	482	238			
54/ 53									1.3	7.6	3.9	.6	.3	.1				385	385	549	470			
52/ 51									1.2	5.7	2.2	.5	.2	.0	.0			284	284	502	550			
50/ 49									1.0	4.1	1.3	.1	.2					194	194	326	486			
48/ 47									.7	2.3	.7	.1	.1					111	111	202	351			
46/ 45									.2	.9	.3		.0					42	42	122	226			
44/ 43									.1	.3	.0		.0					14	14	50	110			
42/ 41									.2	.0	.0							7	7	23	79			
40/ 39									.1	.0	.0							4	4	5	46			
38/ 37																					2	34		
36/ 35																						2	21	
34/ 33																						1	13	
32/ 31																							13	
30/ 29																								
28/ 27																							6	
26/ 25																								
24/ 23																							1	
22/ 21																								
20/ 19																							2	
18/ 17																								
16/ 15																								
14/ 13																								
Element (X)	Z X	2 X	X	X	No. Obs.	Mean No. of Hours with Temperature																		Total
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F													
Dry Bulb																								
Wet Bulb																								
Point																								

**DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC**

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70
STATION STATION NAME

SEP

MONTH

PAGE 2

0600-0800

HOURS (L. S. T.)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3 23211 HAMILTON AFB CALIF/SAN RAFAEL

39-70

YEARS

SEP

MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL D.B./W.B.	TOTAL					
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
96/ 95																		3	3	
94/ 93																		1	1	
92/ 91																		7	7	
90/ 89																		9	9	
88/ 87																		13	13	
86/ 85																		24	24	
84/ 83																		30	30	
82/ 81																		47	47	
80/ 79																		63	63	
78/ 77																		74	74	
76/ 75																		115	115	1
74/ 73																		141	141	3
72/ 71																		230	230	10
70/ 69																		336	336	3
68/ 67																		378	378	5
66/ 65	.0	.4	1.1	3.3	2.7	1.8	.7	.1	.2	.0	.0	.0						444	444	155
64/ 63	.0	.3	2.6	6.1	2.0	.6	.1	.0										339	339	53
62/ 61	.3	3.3	4.1	1.1	.1	.1	.1											261	261	105
60/ 59	.0	.6	3.2	2.3	.4	.0	.0											192	192	223
58/ 57	.0	.4	2.1	.8	.1	.0												100	100	431
56/ 55	.0	.8	.8	.1														47	47	343
54/ 53	.3	.2																15	15	583
52/ 51	.0	.1	.1															7	7	335
50/ 49	.0																	1	1	202
48/ 47																				2
46/ 45																				59
44/ 43																				24
42/ 41																				27
40/ 39																				24
38/ 37																				17
36/ 35																				13
34/ 33																				5
32/ 31																				8
30/ 29																				5
Element (X)		ΣX^2	ΣX	X	\bar{X}	No. Obs.	Mean No. of Hours with Temperature													
Rel. Hum.							$\leq 0^{\circ}\text{F}$	$\leq 32^{\circ}\text{F}$	$\leq 67^{\circ}\text{F}$	$\leq 73^{\circ}\text{F}$	$\leq 80^{\circ}\text{F}$	$\leq 93^{\circ}\text{F}$	Total							
Dry Bulb																				
Wet Bulb																				
Dew Point																				

DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION STATION NAME

39-70

SEP

MONTH

PAGE 2

0900-1100
NOV 26 (1-6-7)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	Dry Bulb	Wet Bulb	Dew Point	
28 / 27																				1	
26 / 25																				6	
24 / 23																				4	
20 / 19																				1	
TOTAL	.2	3.4	15.8	26.0	21.1	12.9	7.3	3.8	2.9	2.4	1.5	1.3	.6	.5	.2	.1		2877	2877	2876	

0-26-5 (OL A) REVISED MARCH, 1967 EDITIONS OF THIS FORM ARE OBSOLETE

11SAFETY

Element (X)	Zx^2	Zx	X	$'x$	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0^{\circ}\text{F}$	$\leq 32^{\circ}\text{F}$	$\leq 67^{\circ}\text{F}$	$\leq 73^{\circ}\text{F}$	$\leq 80^{\circ}\text{F}$	$\geq 93^{\circ}\text{F}$	Total
Rel. Hum.	12620183	184097	64.014,871	2876								
Dry Bulb	13225750	194160	67.5 6,605	2877				46.0	16.5	5.2	1	90
Wet Bulb	10221068	171128	59.3 3,827	2877				3.8	.1			90
Dewpt	8941971	133027	53.7 3,451	2877				0.3				90

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHOMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70
STATION STATION NAME

39-70

YEARS

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MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

**DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC**

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION STATION NAME

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MONTH

1200-1400

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point			
38/ 37																					21		
36/ 35																					16		
34/ 33																					11		
32/ 31																					23		
30/ 29																					7		
28/ 27																					3		
26/ 25																					2		
22/ 21																					5		
18/ 17																					4		
TOTAL	.4	1.9	8.5	14.2	18.1	16.5	10.5	7.6	4.9	4.7	3.3	3.0	2.8	1.9	.9	.6		2877		2876			
																		2877		2877			

REvised editions of this form are on Quarantine Form 0-26-5 (Q-1-A).

DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL

39-70

YEARS

SEP
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL O.B./W.B.	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point			
106/105																		.0	1	1			
104/103																		.1	2	2			
102/101																							
100/ 99																		.0	.1	4	4		
98/ 97																		.0	.2	.1	11		
96/ 95																		.1	.1	.1	13		
94/ 93																		.0	.3	.1	27		
92/ 91																		.1	.3	.1	27		
90/ 89																		.0	.4	.3	36		
88/ 87																		.2	.2	.4	60		
86/ 85																		.5	.5	.2	84		
84/ 83																		.6	.5	.1	84		
82/ 81																		.5	.5	.2	90		
80/ 79																		.7	.3	.2	116		
78/ 77																		.7	.2	.1	150		
76/ 75																		.7	.2	.1	150		
74/ 73																		.7	.1	.1	199		
72/ 71																		.7	.1	.1	200		
70/ 69																		.7	.1	.1	219		
68/ 67																		.7	.1	.1	295		
66/ 65																		.7	.1	.1	295		
64/ 63																		.7	.1	.1	12		
62/ 61																		.7	.1	.1	6		
60/ 59																		.7	.1	.1	6		
58/ 57																		.7	.1	.1	199		
56/ 55																		.7	.1	.1	219		
54/ 53																		.7	.1	.1	295		
52/ 51																		.7	.1	.1	109		
50/ 49																		.7	.1	.1	255		
48/ 47																		.7	.1	.1	255		
46/ 45																		.7	.1	.1	212		
44/ 43																		.7	.1	.1	24		
42/ 41																		.7	.1	.1	303		
40/ 39																		.7	.1	.1	303		
Element (X)	Zx ²	Zx	X	x _x	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb																							
Wet Bulb																							
Dew Point																							

DATA PROCESSING DIVISION
USAF ETAC
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3

23211 HAMILTON AFB CALIF/SAN RAFAEL

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SEP

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PAGE 2

1500-1700

HOURS (L. S. T.)

YEARS

STATION

STATION NAME

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	x 31	Dry Bulb	Wet Bulb	Dew Point
38/ 37																			25	
36/ 35																			14	
34/ 33																			11	
32/ 31																			14	
30/ 29																			11	
28/ 27																			7	
26/ 25																			7	
24/ 23																			5	
18/ 17																			1	
TOTAL	.3	1.8	7.3	14.1	18.7	16.5	12.0	7.2	5.2	4.6	2.6	2.9	2.3	2.0	1.4	.8	2873	2872	2872	
																	2872	2872		
Element (X)	Zx ²	Zx	X ²	X ³	No. Obs.												Mean No. of Hours with Temperature			
Rel. Hum.	7905903	143963	50.1	15.497	2872	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F						Total			
Dry Bulb	16361103	215617	75.6	7.898	2873			79.0	51.5	23.0	2.9						90			
Wet Bulb	11168801	178663	62.2	4.344	2872			13.1	1.4	0.2							90			
Dew Pt	8377719	133767	93.5	7.107	2872			1.4	2.1	0.4	0.1						90			

0-26-5 (OLA)
REVISED MAY 1964
EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OLA)
MAY 64
USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

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23211 HAMILTON AFB CALIF/SAN RAFAEL

STATION NAME

39-70

YEARS

SEP

MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point		Dry Bulb	Wet Bulb	Dew Point
100/ 99																		.0	1	1				
96/ 95																		.0	1	1				
94/ 93																		.C	1	1				
92/ 91																		.0	1	1				
90/ 89																		.1	1	1			4	4
88/ 87																		.1	1	1			13	13
86/ 85																		.0	1	1			8	8
84/ 83																		.2	1	1			22	22
82/ 81																		.0	1	2			21	21
80/ 79																		.2	1	2			38	38
78/ 77																		.3	1	0			49	49
76/ 75																		.5	2	0			90	90
74/ 73																		.4	1	0			94	94
72/ 71																		.6	1	0			138	138
70/ 69																		.2	1	0			238	238
68/ 67																		.8	2	1			270	270
66/ 65																		.4	1	0			337	337
64/ 63																		.6	1	0			363	363
62/ 61																		.9	1	0			409	409
60/ 59																		.5	1	0			357	357
58/ 57																		.8	1	0			414	200
56/ 55																		.7	1	0			230	230
54/ 53																		.1	1	0			141	141
52/ 51																		.2	1	0			39	39
50/ 49																		.1	1	0			9	9
48/ 47																		.1	1	0			201	448
46/ 45																		.1	1	0			66	391
44/ 43																		.1	1	0			20	226
42/ 41																		.1	1	0			4	153
40/ 39																		.1	1	0			2	59
38/ 37																		.1	1	0			32	32
36/ 35																		.1	1	0			36	36
34/ 33																		.1	1	0			19	19
32/ 31																		.1	1	0			15	15
Element (X)	ΣX^2	ΣX	X	\bar{x}_x	Nº Obs.	Mean No. of Hours with Température																		Total
Rel. Hum.																		$\leq 0^{\circ}\text{F}$	$\leq 32^{\circ}\text{F}$	$\leq 67^{\circ}\text{F}$	$\leq 73^{\circ}\text{F}$	$\leq 80^{\circ}\text{F}$	$\geq 93^{\circ}\text{F}$	
Dry Bulb																								
Wet Bulb																								
D.P.																								

DATA PROCESSING DIVISION
USAF ETAC
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2321 HAMILTON AFB CALIF/SAN RAFAEL

STATION

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1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point		
30/ 29																				4		
28/ 27																				5		
26/ 25																				5		
24/ 23																				4		
22/ 21																				1		
20/ 19																				2		
18/ 15																				2		
TOTAL	4.224	5.26	2.18	0.4	8.8	5.7	3.2	2.9	2.3	1.4	1.1	.8	.3	.1	.1	.0		2870	2874	2874	2874	2874

REvised P&P EDITIONS OF THIS FORM ARE OBSOLETE
FORM 0-26-5 (OL-A) USAFETAC NO. 6

Element (X)	Z _{X²}	Z _X	X	X'	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	
Rel. Hum.	13068251	188429	65.6	15.767	2874						
Dry Bulb	12225438	186374	64.9	6.510	2874			30.9	10.7	2.7	90
Wet Bulb	9564326	163350	57.3	6.184				2.0	6.2		90
Dew Pt	7587789	167691	52.0	6.239				6.0	6.0		90

DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL

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PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point		Dry Bulb	Wet Bulb
92/ 91																					3	3	
84/ 83																					1	1	
82/ 81																					1	1	
80/ 79																					3	3	
78/ 77																					5	5	
76/ 75																					4	4	
74/ 73																					18	18	
72/ 71																					36	36	
70/ 69																					58	58	
68/ 67																					93	93	4
66/ 65																					144	144	2
64/ 63																					199	199	15
62/ 61																					314	314	39
60/ 59																					451	454	76
58/ 57																					496	496	166
56/ 55																					480	480	252
54/ 53																					317	317	438
52/ 51																					173	173	546
50/ 49																					62	62	530
48/ 47																					11	11	349
46/ 45																					2	2	185
44/ 43																					12	12	97
42/ 41																					5	5	
40/ 39																							34
38/ 37																							18
36/ 35																							18
34/ 33																							19
32/ 31																							13
30/ 29																							9
28/ 27																							5
26/ 25																							2
24/ 23																							
22/ 21																							
20/ 19																							2
Element(X)	ΣX^2	ΣX	X	\bar{x}_x	No. Obs.																		
Rel. Hum.																							
Dry Bulb																							
W-																							
D-																							

**DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

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23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION STATION NAME

39-70

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MONTH

2 2100-2300
HOURS (L. S. T.)

DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

3 23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION STATION NAME

39-70

OCT

MONTH

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PAGE 1

0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point		
76/ 75											.0	.1							5	.5		
74/ 73											.0	.0	.0						3	3		
70/ 69											.0	.0							2	2		
68/ 67											.0	.0							3	3		
66/ 65											.0	.1							27	27		
64/ 63											.1	.1							50	50	4	
62/ 61											.1	.1							103	103	27	
60/ 59											.2	.2							230	230	71	
58/ 57											.3	.3							313	313	136	
56/ 55											.6	.5							401	402	145	
54/ 53											.9	.9							461	462	231	
52/ 51											1.4	1.0							497	499	303	
50/ 49											1.9	1.0							408	408	267	
48/ 47											.8	1.7							247	247	417	
46/ 45											.8	2.5							133	133	353	
44/ 43											.3	.8							52	52	271	
42/ 41											.1	.2							22	22	198	
40/ 39											.0	.2							12	12	121	
38/ 37												.0							2	2	89	
36/ 35												.0							1	1	71	
34/ 33																				2	60	
32/ 31																					33	
30/ 29																					36	
28/ 27																					34	
26/ 25																					22	
24/ 23																					11	
22/ 21																					8	
18/ 17																					3	
TOTAL	7.4	42.3	24.9	11.5	7.2	3.4	1.6	.6	.6	.3	.1	.2							2976	2972	2972	
Element.(X)	Zx ²	Zx	X	X ²	No. Obs.	Mean No. of Hours with Temperature															Total	
Rel. Hum.	1949787	226015	79.4	15.944	2972	≤ 0 F.	≤ 32 F.	≤ 67 F.	≤ 73 F.	≤ 80 F.	≤ 93 F.											
Dry Bulb	8904204	198414	53.2	4.910	2972																93	
Wet Bulb	7440658	148030	49.8	4.748																	93	
Dew Point	6345844	137906	46.4	4.021																	93	

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DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL

STATION

STATION NAME

39-70

YEARS

OCT

MONTH

PAGE 1

0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31					
76/ 75																			3	3		
74/ 73																			2	2		
72/ 71																			1	1		
68/ 65																			9	9		
64/ 63	.1	.3	.2	.0		.0		.1	.1	.1	.1								28	28	5	3
62/ 61	.1	.8	.9	.2	.1	.1	.1	.1	.1	.1	.0								76	76	14	9
60/ 59	.4	2.2	1.3	.9	.1	.1	.2	.2	.1										146	146	63	26
58/ 57	.4	4.4	2.0	1.0	.3	.3	.2	.1											259	259	122	87
56/ 55	.8	5.0	2.5	1.0	.7	.3	.1	.2	.0										317	317	218	140
54/ 53	1.1	4.9	3.2	1.3	.8	.4		.0											350	350	270	208
52/ 51	1.7	7.7	3.0	1.5	.9	.3	.1												446	447	328	262
50/ 49	2.4	6.9	3.6	1.7	.7	.4	.1												470	472	464	383
48/ 47	2.4	6.2	2.0	1.1	.7	.2													371	371	485	355
46/ 45	1.4	3.6	1.1	.6	.5														218	218	388	361
44/ 43	1.0	2.5	.6	.3	.4														146	146	250	205
42/ 41	.5	.9	.5	.3	.1														70	70	168	246
40/ 39	.3	.6	.2	.1															38	38	96	148
38/ 37	.1	.3	.1		.0														17	17	54	121
36/ 35																			1	1	36	80
34/ 33																			1	1	6	52
32/ 31																					2	50
30/ 29																					1	47
28/ 27																						26
26/ 25																						31
24/ 23																						20
22/ 21																						6
18/ 17																						2
16/ 15																						1
14/ 13																						1
TOTAL	12.646	521.4	9.6	5.2	2.3	.9	.6	.4	.0	.1	.1								2972	2972	2970	
																			2969	2969	2970	

Element (X)	ΣX^2	ΣX	\bar{X}	S_x	No. Obs.	Mean No. of Hours with Temperatures				
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F
Rel. Hum.	20753611	244078	82.215	2.98	2970					
Dry Bulb	7940109	132815	51.5	3.27	2972					
Wet Bulb	7073378	144200	48.6	3.23	2970					
Dew Pt.	6392587	139378	45.6	7.20	2970					

DATA PROCESSING DIVISION
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0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point		
82/ 81																		2	2			
78/ 77																		2	2			
76/ 75																		1	1			
72/ 71																		1	1			
70/ 69																		6	7			
68/ 67																		9	9			
66/ 65																		36	36			
64/ 63																		73	73	7	4	
62/ 61																		134	134	25	13	
60/ 59																		227	227	91	39	
58/ 57																		296	296	148	80	
56/ 55																		378	378	274	176	
54/ 53																		351	351	367	249	
52/ 51																		382	382	392	326	
50/ 49																		383	383	435	395	
48/ 47																		266	267	418	356	
46/ 45																		221	221	317	351	
44/ 43																		96	96	206	248	
42/ 41																		32	32	134	211	
40/ 39																		39	39	85	124	
38/ 37																		14	14	40	105	
36/ 35																		3	3	24	75	
34/ 33																		1	1	7	60	
32/ 31																				3	36	
30/ 29																					35	
28/ 27																					24	
26/ 25																					24	
24/ 23																					6	
22/ 21																					10	
20/ 19																					1	
18/ 17																					5	
TOTAL	11.9	41.1	123.6	10.9	5.7	3.3	1.4	1.0	.5	.3	.1	.1	.0					2973	2973			
																		2973	2973			
Element (X)		$\Sigma X'$	ΣX	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Mean No. of Hours with Temperature				
Rel. Hum.	20141631	239927	80.7	16.180	2973	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total										
Dry Bulb	8392403	197093	52.8	10.834	2973																93	
Wet Bulb	7308939	147363	49.6	9.336																	93	
Dew Pt	6350225	137879	46.4	7.240																	93	

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0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	Dry. Bulb	Wet Bulb	Dew Point		
90/ 89																			1	1		
88/ 87																		2	2			
86/ 85																		3	3			
84/ 83																		4	4			
82/ 81																		3	3			
80/ 79																		22	22			
78/ 77																		43	43			
76/ 75																		52	52			
74/ 73																		69	69			
72/ 71																		115	115	1		
70/ 69																		200	200	4		
68/ 67																		256	257	9	1	
66/ 65																		331	331	3		
64/ 63																		407	407	15		
62/ 61																		410	410	233	43	
60/ 59																		419	419	422	98	
58/ 57																		276	276	543	245	
56/ 55																		180	180	642	354	
54/ 53																		101	101	414	473	
52/ 51																		50	50	302	489	
50/ 49																		20	20	159	363	
48/ 47																		3	3	75	221	
46/ 45																		2	2	40	149	
44/ 43																				10	99	
42/ 41																				4	100	
40/ 39																					71	
38/ 37																					68	
36/ 35																					53	
34/ 33																					35	
32/ 31																					17	
30/ 29																					27	
28/ 27																					8	
26/ 25																					10	
24/ 23																					12	
Element (X)		ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.							$\leq 0^{\circ}\text{F}$	$\leq 32^{\circ}\text{F}$	$\leq 67^{\circ}\text{F}$	$\leq 73^{\circ}\text{F}$	$\leq 80^{\circ}\text{F}$	$\leq 93^{\circ}\text{F}$	Total									
Dry. Bulb																						
Wet Bulb																						
Dew Point																						

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**DATA PROCESSING DIVISION
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Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	Dry Bulb	Wet Bulb
22/ 21																		5	
20/ 19																		6	
18/ 17																		3	
10/ 9																		1	
8/ 7																		1	
TOTAL	1.5	11.1	20.0	21.3	14.7	9.3	7.7	5.2	4.1	2.4	1.8	.5	.2	.1	.1	.0		2970	2970
																	2969	2970	

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1200-1400

HOURS (L. S. T.)

YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	Dry Bulb	Wet Bulb	Dew Point
90/ 95																	.1	2	2
94/ 93																	.0	2	2
92/ 91																		1	1
90/ 89																		17	17
88/ 87																		17	17
86/ 85																		56	56
84/ 83																		66	66
82/ 81																		84	84
80/ 79																		94	94
78/ 77																		140	140
76/ 75																		164	164
74/ 73																		251	251
72/ 71																		282	282
70/ 69																		375	375
68/ 67																		367	367
66/ 65	.0	.3	1.3	2.7	3.7	1.6	1.1	.5	.3	.1								342	342
64/ 63	.4	1.7	3.2	2.3	1.3	.5	.3	.2	.1									293	293
62/ 61	.7	1.6	2.4	1.1	.5	.2	.2	.1										200	200
60/ 59	.2	1.0	1.3	1.2	.3	.3	.2	.1										145	145
58/ 57	.1	.9	.6	.2	.2	.1	.0											59	59
56/ 55	.0	.4	.1	.1														19	19
54/ 53																		216	216
52/ 51																		93	93
50/ 49																		54	54
48/ 47																		24	215
46/ 45																		4	148
44/ 43																		2	101
42/ 41																			110
40/ 39																			72
38/ 37																			72
36/ 35																			52
34/ 33																			24
32/ 31																			24
30/ 29																			24
Element (X)	ZX	ZX	X	X	No. Obs.	Mean No. of Hours with Temperature													
Rel. Hum.						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																			
Wet																			
Dew																			

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1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	Dry Bulb	Wet Bulb	Dew Point	
28 / 27																			10	
26 / 25																			22	
24 / 23																			11	
22 / 21																			3	
20 / 19																			3	
18 / 17																			4	
16 / 15																			2	
12 / 11																			2	
TOTAL	.3	3.8	7.6	13.5	16.1	14.2	10.8	9.0	6.5	5.5	5.3	3.7	2.2	.7	.5	.1	.1	2976	2976	2976

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1500-1700

HOURS (L. S. T.)

YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point		
96/ 95																		.0	1	1		
94/ 93																		.0	2	2		
92/ 91																		.0	3	3		
90/ 89																		.0	13	13		
88/ 87																		.1	27	27		
86/ 85																		.1	41	41		
84/ 83																		.1	66	66		
82/ 81																		.1	73	73		
80/ 79																		.1	107	107		
78/ 77																		.1	113	113		
76/ 75																		.1	180	180		
74/ 73																		.2	207	207	2	
72/ 71																		.2	262	262	8	
70/ 69																		.1	329	329	27	
68/ 67																		.1	322	322	5	
66/ 65																		.0	336	336	121	
64/ 63																		.1	290	290	227	
62/ 61																		.0	262	262	427	
60/ 59																		.0	188	188	605	
58/ 57																		.0	91	91	157	
56/ 55																		.0	500	500	252	
54/ 53																		.1	41	41	482	
52/ 51																		.1	13	13	326	
50/ 49																		.1	4	4	286	
48/ 47																		.1	4	4	380	
46/ 45																		.1	71	71	300	
44/ 43																		.1	30	30	278	
42/ 41																		.1	14	14	197	
40/ 39																		.1	5	5	137	
38/ 37																		.1	1	1	115	
36/ 35																		.1	84	84		
34/ 33																		.1	60	60		
32/ 31																		.1	47	47		
30/ 29																		.1	32	32		
28/ 27																		.1	23	23		
26/ 25																		.1	15	15		
Element(X)	Z X ²	Z X	X	X ²	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total										
Dry Bulb																						
Wet Bulb																						
Dew Pt																						

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1500-1700

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Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	= 31	Dry Bulb	Wet Bulb	Dew Point		
28/ 27																				11		
26/ 25																				24		
24/ 23																				10		
22/ 21																				2		
20/ 19																				5		
18/ 17																				3		
16/ 15																				3		
14/ 13																				1		
12/ 11																				1		
TOTAL	.2	3.7	7.7	15.3	15.4	13.7	11.4	8.3	7.1	5.7	4.4	3.5	2.1	.8	.4	.1	.1	2971	2971	2971		

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USAFETAC

Element (X)	Zx ²	Zx	X	z _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	9823482	141856	94.5	18.370	2970	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	14255593	204669	68.9	7.231	2971			54.7	26.1	9.0	0.1	93
Wet Bulb	10136313	173067	96.3	4.293	2971			2.3	0.1			93
Dew	7605891	148541	90.0	7.769	2971			3.6	0.2			93

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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point	
86/ 85																		0	0	1	1
84/ 83																		0	0	1	1
82/ 81																		0	0	1	1
80/ 79																		0	0	5	5
78/ 77																		0	0	7	7
76/ 75																		0	0	28	28
74/ 73																		0	0	28	28
72/ 71																		0	0	55	55
70/ 69																		0	0	98	98
68/ 67																		0	0	121	121
66/ 65																		0	0	193	193
64/ 63																		0	0	323	323
62/ 61																		0	0	432	432
60/ 59																		0	0	494	495
58/ 57																		0	0	463	464
56/ 55																		0	0	346	346
54/ 53																		0	0	191	191
52/ 51																		0	0	99	99
50/ 49																		0	0	50	50
48/ 47																		0	0	13	13
46/ 45																		0	0	3	3
44/ 43																		0	0	39	39
42/ 41																		0	0	20	20
40/ 39																		0	0	4	4
38/ 37																		0	0	65	65
36/ 35																		0	0	55	55
34/ 33																		0	0	35	35
32/ 31																		0	0	23	23
30/ 29																		0	0	27	27
28/ 27																		0	0	22	22
26/ 25																		0	0	18	18
24/ 23																		0	0	10	10
22/ 21																		0	0	4	4
20/ 19																		0	0	3	3
Element (X)	Zx ¹	Zx ²	X	X ²	No. Obs.	Mean No. of Hours with-Temperature															Total
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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PSYCHROMETRIC SUMMARY

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800-2000
HOURS (L. S. T.)

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Temp. (F)	WEI BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11	12	13-14	15-16	17-18	19+20	21-22	23-24	25-26	27-28	29-30	> 31	Dry Bulb	Wet Bulb
18/ 17																				3
16/ 15																				2
TOTAL	.5	14.3	27.7	20.0	12.9	8.8	6.3	4.3	3.1	1.1	.6	.3	.1	.0				2974	2972	
																		2972	2972	

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PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION NAME

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MONTH

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2100-2300
HOURS (L. S. T.)

Temp. (°F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
76 / 75																			6	6		
74 / 73																			4	4		
72 / 71																			1	1		
70 / 69																			6	6		
68 / 67																			27	27		
66 / 65																			48	48		
64 / 63																			102	102	8	
62 / 61																			222	222	26	9
60 / 59																			380	380	101	45
58 / 57																			464	464	220	96
56 / 55																			502	502	333	196
54 / 53																			457	457	467	245
52 / 51																			372	372	576	371
50 / 49																			218	218	538	453
48 / 47																			102	102	339	430
46 / 45																			37	37	167	351
44 / 43																			17	17	87	232
42 / 41																			3	3	49	133
40 / 39																			1	1	33	92
38 / 37																					4	90
36 / 35																					1	48
34 / 33																						52
32 / 31																						30
30 / 29																						26
28 / 27																						31
26 / 25																						26
24 / 23																						6
22 / 21																						3
20 / 19																						1
18 / 17																						3
TOTAL	2.932	329	344	6	3.0	6.0	3.2	1.6	.6	.3	.2	.2						2969	2969	2969		
																		2969	2969	2969		
Element (X)	Zx ²	Zx	X	X ²	No. Obs.	Mean No. of Hours with Temperature															Total	
Rel. Hum.	17613982	223422	73,316,429	2969	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F											93	
Dry Bulb	9275468	165366	59.7	2969	1.6	3															93	
Wet Bulb	7884882	132472	51.4	2969																	93	
Dew Pt	6765772	140278	47.2	2969																	93	

DATA PROCESSING DIVISION
USAF ETAC
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23211 HAMILTON AFB CALIF/SAN RAFAEL

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0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30			
74 / 73						.0											1	1	
70 / 69						.0	.0										2	2	
68 / 67																	1	1	
66 / 65																	1	1	
64 / 63																	6	4	2
62 / 61	.0	.2	.1	.1													14	14	8
60 / 59	.2	1.3	.7	.2													72	72	12
58 / 57	.2	2.7	1.3	.2													139	139	61
56 / 55	.8	3.2	2.2	.4													205	205	139
54 / 53	1.9	4.8	2.6	1.0													330	330	221
52 / 51	1.5	5.1	2.5	.8													322	322	232
50 / 49	2.1	5.2	2.5	1.5													345	345	318
48 / 47	1.7	5.9	2.5	1.5													351	351	327
46 / 45	1.8	6.1	2.3	1.3													336	336	336
44 / 43	1.3	4.7	2.3	.6													259	259	348
42 / 41	1.3	3.7	1.3	.3													194	194	294
40 / 39	.8	3.0	.9	.6													153	153	254
38 / 37	.4	1.8	.3	.1													80	80	130
36 / 35	.3	.7	.3	.0													38	38	90
34 / 33	.1	.7	.0														23	23	53
32 / 31	.1	.1	.0														3	3	25
30 / 29	.0	.0	.0														2	2	58
28 / 27																		2	43
26 / 25																		1	15
24 / 23																			13
22 / 21																			14
20 / 19																			4
18 / 17																			5
16 / 15																			1
14 / 13																			1
TOTAL	14,649	122.0	8.6	3.3	1.7	.5	.2	.0	.0							2879	2879	2879	
																2879	2879		
Element (X)	Z _{X²}	Z _X	X	X'	No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	20725773	241037	53.8	13.719	2878		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total						
Dry Bulb	6832157	129209	48.4	5.951	2879		.2	.3	.1	.0								90	
Wet Bulb	6179270	132258	43.9	5.990	2879		.0	.0	.0	.0								90	
Dew Point	5559213	24641	43.3	7.320	2879		.0	.0	.0	.0								90	

FORM 0-265 (OL-A) JUN 64 USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL

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0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
68/ 67					.0													1	1	
66/ 65					.0													1	1	
64/ 63		.1	.0	.1														5	5	
62/ 61	.1	.3	.1	.1	.0													15	15	6
60/ 59	.1	.7	.6	.1	.0													44	44	16
58/ 57	.7	1.9	1.4	.2														122	122	32
56/ 55	1.0	3.1	1.9	.3	.1	.3	.0	.0	.0	.0								184	184	128
54/ 53	1.7	3.4	2.2	.5	.3	.1	.2	.0	.0									241	241	182
52/ 51	2.0	4.4	1.9	.9	.5	.2	.1											287	287	222
50/ 49	2.9	4.9	2.3	.9	.5	.3	.0	.0	.0									342	342	299
48/ 47	2.2	5.0	1.4	1.2	.5	.3	.0	.0										304	304	284
46/ 45	2.6	5.4	2.3	.8	.2													329	329	330
44/ 43	2.1	4.7	1.8	.8	.1	.1												275	275	303
42/ 41	2.3	4.8	1.0	.4	.1	.1												249	249	331
40/ 39	1.5	4.0	1.0	.2	.1													199	199	272
38/ 37	1.1	2.9	.7	.3														146	146	183
36/ 35	.7	1.6	.9															74	79	130
34/ 33	.5	.7	.0															33	33	87
32/ 31	.1	.4	.1															19	19	41
30/ 29	.2																	5	5	57
28/ 27																			5	34
26/ 25																				34
24/ 23																				10
22/ 21																				17
20/ 19																				7
18/ 17																				2
16/ 15																				1
14/ 13																				2
12/ 11																				1
10/ 9																				1
TOTAL	21.548	415.7	6.8	2.6	1.3	.3	.1	.0										2880	2880	2880
																		2880	2880	
Element (X)	Zx ²	Zx	X	X ²	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.	21579997	246832	65,713,493	2880	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	6478944	133398	47.1	210	2880															
Wet Bulb	5950818	129644	45.0	6,216																
Dew Pt	3614894	122700	42.7	7,641																

REvised 1968 EDITIONS OF THIS FORM ARE ABSOLUTE
0-26-5 (OLA)

USAFETAC JULY 1968

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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23211 HAMILTON AFB CALIF/SAN RAFAEL

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0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	Dry Bulb	Wet Bulb	Dew Point	
68/ 67						.0											1	1		
66/ 65						.0											1	1		
64/ 63						.0											6	6		
62/ 61	.1	.2	.0	.1		.0	.1										14	14	7	2
60/ 59	.3	1.2	.5	.1	.0	.1	.0	.0	.0	.0							67	67	24	10
58/ 57	.4	1.5	1.7	.2	.2	.0	.0	.1									117	117	57	31
56/ 55	1.5	2.1	1.4	.5	.3	.2	.1	.2	.1								203	203	124	90
54/ 53	1.2	4.3	2.6	.6	.3	.2	.0	.0	.1								271	271	189	132
52/ 51	2.3	4.6	1.9	2.1	.3	.3	.4	.2									309	309	236	230
50/ 49	2.2	4.9	1.9	.8	.6	.2	.1	.0									306	306	293	242
48/ 47	2.2	4.7	1.8	.9	.7	.1	.0										297	297	284	262
46/ 45	2.5	5.3	1.6	.8	.2	.2	.0										307	307	314	280
44/ 43	2.9	4.1	1.9	.6	.4												273	273	330	267
42/ 41	1.9	4.3	.9	.3	.1												215	215	282	257
40/ 39	1.9	3.7	.8	.4	.1												197	197	276	250
38/ 37	.9	3.0	.6	.1	.0												134	134	163	207
36/ 35	.7	1.7	.5	.1													86	86	123	199
34/ 33	.5	.7	.2														41	41	90	131
32/ 31	.1	.5	.1														18	18	39	98
30/ 29	.1	.1															7	7	18	78
28/ 27	.0	.0															2	2	4	37
26/ 25	.0																1	1	2	25
24/ 23																				17
22/ 21																				11
20/ 19																				4
18/ 17																				3
16/ 15																				2
14/ 13																				2
12/ 11																				1
10/ 9																				1
TOTAL	21.347	4.180	0.617	3.03	1.04	.07	.02										2875	2875	2875	
																	2875	2875		
Element (X)	Z X ²	Z X	X	X ²	X ³	No. Obs.	Mean No. of Hours with Temperature												Total	
Rel. Hum.	21910922	246136	55.6	13.690	2875		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							90	
Dry Bulb	6359213	136033	47.3	6.329	2875				6.9	6.0										
Wet Bulb	3993391	129963	43.2	6.426	2875				2.0										90	
Dew Pt	3431033	123213	42.9	7.702	2875				8.7										90	

DATA PROCESSING DIVISION
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PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
76/ 75								.1	.1	.0	.0	.0						1	1	
74/ 73								.0	.0	.1	.0	.0						9	9	
72/ 71								.0	.1	.1	.0	.0						13	13	
70/ 69								.0	.1	.1	.2	.1						17	17	
68/ 67								.1	.2	.3	.1	.3						44	44	
66/ 65								.1	.2	.6	.4	.2						72	72	4
64/ 63	.0	.4	.5	.6	.5	.4	.4	.7	.2	.3	.1	.1						109	109	9
62/ 61	.1	1.0	1.2	1.3	1.1	.7	.6	.3	.1	.0								194	194	45
60/ 59	.0	1.0	3.1	2.7	1.8	1.4	.7	.3	.1	.1								340	340	89
58/ 57	.2	3.3	3.6	2.7	1.8	.9	.8	.2	.1									391	392	153
56/ 55	.6	3.9	3.8	3.7	1.5	1.1	.3	.2	.0									431	432	313
54/ 53	1.0	3.5	3.7	2.5	1.1	.3	.3	.1										362	362	410
52/ 51	.8	3.2	3.2	1.3	.5	.4	.1											276	276	300
50/ 49	1.1	3.3	2.4	1.0	.5	.2	.0											247	247	331
48/ 47	1.1	2.6	1.6	.8	.2	.0	.0											182	182	402
46/ 45	1.0	1.7	.6	.2	.1	.0											107	107	283	
44/ 43	.5	.8	.3	.1	.0												49	49	130	
42/ 41	.2	.3	.1	.0	.0												21	21	93	
40/ 39	.2	.1		.0													9	9	38	
38/ 37		.1															2	2	11	
36/ 35																		3	73	
34/ 33																		2	61	
32/ 31																			33	
30/ 29																			30	
28/ 27																			24	
26/ 25																			16	
24/ 23																			10	
22/ 21																			5	
20/ 19																			3	
18/ 17																			2	
16/ 15																			5	
14/ 13																			3	
TOTAL	7.026	0.024	417	810.0	6.6	3.3	2.9	1.0	.9	.2							2876	2876	2876	
Element (X)	Z _X	Z _x	X	X	X	No. Obs.	Mean No. of Hours with Temperature												Total	
Rel. Hum.	16592389	212267	73.017.913	2876	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F									90	
Dry Bulb	8870139	138923	53.2 5.728	2876			2.0	3											90	
Wet Bulb	7424299	145489	60.6 4.823	2876															90	
Dew Point	6264226	132410	49.0 7.213	2876			4.1												90	

REMOVED FROM THIS FORM ARE OBSOLETE
0-26-5 (OLA) FORM APR 64
USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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23211 HAMILTON AFB CALIF/SAN RAFAEL

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PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point		
84/ 83																			1	1		
82/ 81																			2	2		
80/ 79																			6	6		
78/ 77																			13	13		
76/ 75																			34	34		
74/ 73																			35	35		
72/ 71																			64	64		
70/ 69																			106	106	2	
68/ 67																			146	146	5	
66/ 65																			202	202	18	1
64/ 63																			289	289	42	8
62/ 61																			391	391	89	28
60/ 59	.0	1.6	2.4	4.0	3.0	1.4	1.4	1.4	1.4	.4	.2								431	431	170	52
58/ 57	.2	2.2	4.1	3.5	2.6	1.1	.5	.2											415	415	316	112
56/ 55	.4	2.3	3.1	2.6	1.1	.8	.3	.1											310	310	458	206
54/ 53	.4	1.3	1.8	1.3	.5	.4	.3	.1											174	174	539	279
52/ 51	.3	1.7	1.4	.9	.6	.2	.0	.0										151	151	427	303	
50/ 49	.2	1.3	.6	.1	.1	.0												70	70	399	371	
48/ 47	.1	.7	.2	.1	.0													30	30	223	309	
46/ 45	.0	.1																4	4	114	287	
44/ 43	.0	.0																2	2	54	228	
42/ 41	.1																	2	2	17	181	
40/ 39	.0																	1	1	5	129	
38/ 37																			1		97	
36/ 35																					78	
34/ 33																					63	
32/ 31																					35	
30/ 29																					33	
28/ 27																					22	
26/ 25																					21	
24/ 23																					17	
22/ 21																					5	
20/ 19																					8	
18/ 17																					1	
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.						$\leq 0^\circ F$	$\leq 32^\circ F$	$\leq 67^\circ F$	$\leq 73^\circ F$	$\leq 80^\circ F$	$\leq 93^\circ F$	Total										
Dry Bulb																						
Wet Bulb																						
Dew Point																						

REvised RE. EDITIONS OF THIS FORM ARE OBSOLETE
0-26-5 (OLA) FORM NO. 14-3

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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HOURS (L. S. T.)

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23211 HAMILTON AFB CALIF/SAN RAFAEL STATION NAME

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1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point			
82/ 81										.0								2	2				
80/ 79										.0								2	2				
78/ 77										.1	.1	.1	.2					14	14				
76/ 75										.0	.1	.1	.2	.1	.1	.1		25	25				
74/ 73										.1	.1	.5	.3	.2	.2	.1		45	45				
72/ 71										.0	.2	.3	.4	.1	.3	.1	.0	46	46				
70/ 69										.1	.2	.3	.6	.6	.8	.2	.1	95	95				
68/ 67										.2	.3	.7	.7	.8	.9	.5	.1	123	123	3			
66/ 65										.1	.4	1.0	1.1	1.0	.8	1.3	.3	.1	173	173	13		
64/ 63										.3	.7	1.9	1.5	1.4	1.1	.6	.6	.0	237	237	37		
62/ 61										.0	1.0	1.5	2.0	2.7	1.6	1.1	.5	.2	328	328	82		
60/ 59										.1	2.0	2.9	3.5	3.3	1.3	1.2	.3	.1	423	423	152		
58/ 57										.3	2.8	4.3	4.2	2.2	1.5	.5	.2	.0	459	459	288		
56/ 55										.2	2.5	3.9	4.2	1.9	.7	.2	.1		397	397	435		
54/ 53										.5	1.0	2.7	1.7	.9	.6	.4	.0		228	228	495		
52/ 51										.3	1.4	1.6	.9	.5	.2	.1		147	147	494			
50/ 49										.1	1.0	1.1	.4	.2	.1	.0		86	86	379			
48/ 47										.1	.3	.3	.3	.0				33	33	282			
46/ 45										.1	.2	.1						11	11	127			
44/ 43										.0								1	1	58			
42/ 41										.0	.1							3	3	27			
40/ 39																			7	141			
38/ 37																				122			
36/ 35																				83			
34/ 33																				42			
32/ 31																				29			
30/ 29																				31			
28/ 27																				17			
26/ 25																				18			
24/ 23																				6			
22/ 21																				7			
20/ 19																				5			
18/ 17																				1			
16/ 15																				5			
Elément (X)	Zx ²	Zx	X	x _x	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total											
Dry Bulb																							
Wet Bulb																							
Dew Point																							

**DATA PROCESSING DIVISION
USAF ETAC
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23211 HAMILTON AFB CALIF/SAN RAFAEL
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1500-1700
HOURS (L. S. T.)

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23211 HAMILTON AFB CALIF/SAN RAFAEL

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PAGE 1 1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point		
78 / 77									.0										1	1		
76 / 75								.1	.0										2	2		
70 / 69								.0	.0										3	3		
68 / 67								.1	.0	.1	.2								17	17		
66 / 65								.3	.4	.1	.2								32	32	3	
64 / 63								.3	.5	.3	.4	.2	.1	.2					58	58		
62 / 61								.7	.6	.3	.5	.3	.2	.1	.1				92	92	23	11
60 / 59								.2	2.3	2.0	1.5	1.2	.7	.2	.0	.0			242	242	62	27
58 / 57								.6	3.8	3.3	2.2	1.1	1.0	.2	.1				353	356	141	80
56 / 55								.7	4.7	4.9	2.6	2.0	.9	.2	.2				464	464	241	136
54 / 53								.5	4.4	5.5	3.1	1.2	.7	.2	.0				457	457	361	209
52 / 51								.6	3.7	5.1	2.1	1.5	.3	.2					390	390	389	265
50 / 49								.5	4.1	4.3	2.0	.7	.2	.1					339	339	419	280
48 / 47								.7	2.9	2.2	1.2	.3	.3						219	219	479	368
46 / 45								.3	2.0	1.3	.5	.1	.1						123	123	360	347
44 / 43								.6	.7	.3	.1								50	50	206	311
42 / 41								.1	.3	.3	.1	.0							23	23	121	226
40 / 39								.1	.1	.1	.1								6	6	46	134
38 / 37								.0	.1	.1	.0								4	4	30	167
36 / 35																				6	6	96
34 / 33																				1	1	73
32 / 31																				1	1	39
30 / 29																						23
28 / 27																						16
26 / 25																						19
24 / 23																						11
22 / 21																						7
20 / 19																						10
18 / 17																						3
16 / 15																						1
TOTAL	4.329	9.900	7.16.6	9.7	5.1	1.9	1.3	.2	.2	.0									2880	2879	2879	
																			2879	2879		
Element (X)	Z_X^2	Z_X	X	Z_X	No. Obs.														Mean No. of Hours with Temperature			
Rel. Hum.	17101853	217289	73.5	13.620	2879	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total										
Dry Bulb	8376235	134657	52.7	4.967	2879																	90
W. B.	7150484	162770	49.6	4.877	2879																	90
D. P.	6113363	131053	45.5	7.171	2879																	90



DATA PROCESSING DIVISION
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23211 HAMILTON AFB CALIF/SAN RAFAEL

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NOV

MONTH

PAGE 1

2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	Dry Bulb	Wet Bulb	Dew Point
74/ 73						.0											2	2	
72/ 71						.1											2	2	
68/ 67						.0											1	1	
66/ 65						.1											4	4	
64/ 63						.0											9	9	3
62/ 61	.1	.2	.3	.1	.2	.0		.2	.0								38	38	8
60/ 59	.2	1.0	1.1	.2	.1	.2		.0	.2	.1							109	109	28
58/ 57	.2	2.7	2.9	1.0	.5	.2		.2	.1	.0							211	211	49
56/ 55	1.3	4.5	3.0	1.3	.7	.3		.2	.1								328	328	166
54/ 53	1.1	5.1	3.1	1.6	.9	.3		.0									350	350	109
52/ 51	.8	3.4	3.6	1.7	1.0	.3		.2									374	374	241
50/ 49	1.0	6.0	4.3	1.7	.3	.2		.1									401	401	256
48/ 47	1.4	6.1	2.8	1.5	.6	.2											364	364	316
46/ 45	.9	5.1	1.9	1.3	.5	.0											279	279	332
44/ 43	.6	3.3	1.9	.3	.3	.1											191	191	332
42/ 41	.5	2.2	1.0	.5	.1												123	123	253
40/ 39	.2	.9	.3	.2	.1												50	50	217
38/ 37	.0	.7	.2	.1													28	28	166
36/ 35		.3	.1	.0													12	12	119
34/ 33	.0	.0	.0														3	3	95
32/ 31																	5	64	
30/ 29																	2	44	
28/ 27																			14
26/ 25																			23
24/ 23																			14
22/ 21																			10
20/ 19																			11
18/ 17																			3
TOTAL	8.444	4.926	2.118	3.6	2.0	1.0	.9	.1	.0	.0							2879	2879	2879
Element (X)	X ²	X ³	X ⁴	X ⁵	X ⁶	X ⁷	X ⁸	No. Obs.	Mean No. of Hours with Temperature										
Rel. Hum.	19352983	232350	80.7	14.437	2879	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total							
Dry Bulb	7602263	165151	30.4	9.408	2879														90
Wet Bulb	6398222	126312	47.4	9.445	2879														90
Dew Pt.	17791979	127423	47.3	7.275	2879														90

DATA PROCESSING DIVISION
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23211 HAMILTON AFB CALIF/SAN RAFAEL STATION

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PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL D.B./W.B.	TOTAL					
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
64/ 63		.0																1	1	1
62/ 61		.3	.1	.0														14	14	1
60/ 59	.1	.8	.2	.2	.0													40	40	23
58/ 57	.2	2.0	.3	.1	.0													82	83	26
56/ 55	1.1	2.1	.7	.2	.0													124	124	98
54/ 53	1.0	2.9	.6	.4	.1	.0												147	147	110
52/ 51	1.3	3.0	1.4	.1	.1	.0	.0	.0	.1									180	180	164
50/ 49	2.1	4.0	1.7	.5	.1	.1	.1	.1	.0									255	255	197
48/ 47	2.2	4.8	1.5	.6	.2	.1												278	278	227
46/ 45	2.6	7.0	1.3	1.0	.2	.0												359	359	323
44/ 43	3.2	6.2	2.1	.7	.1													366	366	348
42/ 41	3.2	6.4	1.4	.5	.1	.0												349	349	340
40/ 39	2.8	5.0	1.2	.4														283	283	384
38/ 37	1.4	3.3	.9	.3	.1	.0												179	179	238
36/ 35	1.3	2.9	.6	.1	.0	.0												146	146	189
34/ 33	.3	2.2	.6	.0														93	93	115
32/ 31	.3	1.1	.2	.1														56	56	103
30/ 29	.1	.3	.1															20	20	44
28/ 27		.1																2	2	24
26/ 25																			2	31
24/ 23																				30
22/ 21																				18
20/ 19																				5
18/ 17																				7
16/ 15																				4
14/ 13																				4
12/ 11																				2
10/ 9																				1
8/ 7																				1
6/ 5																				2
2/ 1																				1
TOTAL	23,354	6,615.0	5.0	1.1	.6	.1	.2											2975	2974	
																		2974	2974	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature				
Rel. Hum.	23021023	239141	87.1	12.174	2974	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F
Dry Bulb	6100616	133302	44.8	6.352	2974		2.6			
Wet Bulb	5647607	128073	43.1	6.623	2974		3.6			
Dew Pt.	6174585	121507	41.0	7.903	2974		1.8			

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23211 HAMILTON AFB CALIF/SAN RAFAEL

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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL D.B./W.B.	TOTAL				
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb
64/ 63		.0	.0														2	2	
62/ 61		.3	.1														12	12	1
60/ 59	.1	.8	.2	.0	.0												34	34	19
58/ 57	.2	1.4	.3	.1													61	61	29
56/ 55	1.0	1.9	.5	.0													109	139	86
54/ 53	1.1	2.4	.9	.2	.0												158	158	110
52/ 51	1.8	2.6	1.3	.1	.1												180	180	166
50/ 49	1.8	3.5	1.2	.2	.0												205	205	184
48/ 47	2.5	3.7	1.2	.4	.1												246	246	208
46/ 45	2.9	5.8	1.3	.6	.1												321	321	273
44/ 43	3.0	5.0	1.3	.5	.1												313	313	309
42/ 41	3.2	6.4	1.2	.4	.1												334	334	311
40/ 39	3.5	5.5	1.6	.4	.2												330	330	309
38/ 37	2.5	3.5	1.0	.2	.1												217	217	275
36/ 35	1.7	3.2	.6	.2	.1												170	170	192
34/ 33	1.3	2.3	.6														125	125	174
32/ 31	.8	2.2	.4														100	100	128
30/ 29	.4	.7	.1														38	38	85
28/ 27	.1	.4	.0														16	16	36
26/ 25	.0	.1	.0														4	4	7
24/ 23																			3
22/ 21																			25
20/ 19																			7
18/ 17																			3
16/ 15																			3
14/ 13																			3
12/ 11																			2
10/ 9																			1
8/ 3																			1
2/ 1																			2
TOTAL	27.953	30.14.0	3.4	.9	.5	.2											2975	2975	2975
																	2975	2975	

Element (X)	Zx ²	Zx	X	-x	No. Obs.	Mean No. of Hours with Temperature Y						
Rel. Hum.	23663274	263074	88.4	11.598	2975	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	3833458	120212	62.8	6.994	2975							93
Wet Bulb	3465348	125789	62.5	7.025	2975							93
Dew Pt	3046648	120121	40.4	8.129	2975							93

DATA PROCESSING DIVISION
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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	x 31	Dry Bulb	Wet Bulb	Dew Point
64/ 63			.0	.1														3	3	
62/ 61		.3	.1	.0														12	12	
60/ 59	.0	.8	.1	.0														20	29	16
58/ 57	.2	1.4	.3	.0														58	58	39
56/ 55	.6	1.9	.6	.1														97	97	78
54/ 53	1.2	2.6	1.0	.2	.1	.0											154	154	.33	
52/ 51	1.7	2.8	.8	.1	.0	.1	.0										168	168	127	
50/ 49	2.2	3.6	.8	.3	.1	.0	.1										212	212	186	
48/ 47	2.3	4.3	1.1	.7	.1	.0											252	252	208	
46/ 45	2.5	5.3	1.0	.6	.2	.0											288	288	255	
44/ 43	3.4	6.2	1.9	.2	.2	.1											340	340	317	
42/ 41	3.4	6.1	1.1	.6	.3												343	343	342	
40/ 39	3.5	4.4	1.3	.5	.1												292	292	339	
38/ 37	2.2	4.1	.9	.3	.1												224	224	237	
36/ 35	2.1	3.3	.9	.1	.1	.0											193	193	234	
34/ 33	1.4	2.5	.5	.0	.0												135	135	186	
32/ 31	.8	2.2	.2														96	96	127	
30/ 29	.5	1.1	.0														49	49	92	
28/ 27	.2	.4	.1														20	20	32	
26/ 25	.1	.1	.0														7	7	14	
24/ 23	.1	.0															4	4	9	
22/ 21																			32	
20/ 19																			12	
18/ 17																			5	
16/ 15																			5	
14/ 11																			1	
10/ 9																			2	
6/ 5																			1	
4/ 3																			1	
2/ 1																			1	
TOTAL	26.6	33.5	21.2	3.9	4.2	.3	.1	.0									2976	2976	2976	
Element (X)	Z _{X²}	Z _X	X	" _X	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.	23683859	263261	88.5	11.329	2976	≤ 0 F	≤ 32 F	≤ 57 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb	3783767	129309	43.5	7.049	2976			3.3											93	
Wet Bulb	5403713	123049	42.0	7.083	2976			8.8											93	
Dew Point	4987709	119379	40.1	8.177	2976			16.5											93	

REMOVED REVISED EDITIONS OF THIS FORM ARE OBSOLETE
0-26-5 (OL-A) FORM 10-64

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
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HOURS (L. S. T.)

YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
70/ 69										.1								2	2	
68/ 67						.0				.0								2	2	
66/ 65						.0				.0								2	2	
64/ 63		.1	.1	.1	.0	.0				.0								13	13	
62/ 61	.0	.7	.2	.1	.0	.1				.0								38	38	6
60/ 59	.2	1.1	.2	.6	.3	.2	.3			.1								88	88	17
58/ 57	.1	1.7	.8	.9	.3	.4	.1	.1	.1	.1								134	134	68
56/ 55	.6	2.8	1.6	1.4	.7	.4	.1	.1	.1	.0								229	229	93
54/ 53	1.1	2.8	2.9	1.4	1.1	.3	.1	.0										273	273	162
52/ 51	1.1	4.3	2.4	1.8	.9	.3	.1	.1										326	326	226
50/ 49	1.4	3.8	3.4	2.0	.8	.4	.0											354	354	312
48/ 47	1.8	5.3	2.8	1.3	.6	.4	.0											366	366	337
46/ 45	1.9	5.6	2.4	1.3	.3	.2												350	350	452
44/ 43	1.6	5.5	1.8	.8	.2	.1	.0											301	301	369
42/ 41	1.5	4.2	1.1	.9		.0	.1											219	219	331
40/ 39	1.3	2.8	.7	.2		.1												151	151	300
38/ 37	.7	1.3	.6	.1	.0													75	75	138
36/ 35	.3	.4	.3															33	33	71
34/ 33	.0	.3																9	9	30
32/ 31	.1	.3																10	10	18
30/ 29	.0	.1																4	4	13
28/ 27																		1	1	35
26/ 25																				33
24/ 23																				9
22/ 21																				10
20/ 19																				3
18/ 17																				5
16/ 15																				5
14/ 13																				1
10/ 9																				1
8/ 7																				1
6/ 5																				1
4/ 3																				2
2/ 1																				1
Element (X)	Z_X^2	Z_X	X	σ_X	No. Obs.		Mean No. of Hours with Temperature													Total
Rel. Hum.							$\leq 0^\circ F$	$\leq 32^\circ F$	$\leq 67^\circ F$	$\leq 73^\circ F$	$\leq 80^\circ F$	$\leq 93^\circ F$								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point		
76/ 75											.1							2	2			
74/ 73											.0	.0						2	2			
72/ 71											.1	.0	.0					4	4			
70/ 69												.0						5	5			
68/ 67												.1	.0	.1	.1			12	12			
66/ 65											.1	.1	.1	.1	.1			25	25			
64/ 63											.1	.1	.1	.1	.1			59	59			
62/ 61											.2	.2	.2	.2	.2			126	126	8	1	
60/ 59											.3	.3	.3	.3	.2			203	203	47	19	
58/ 57											.1	.1	.1	.1	.1			275	275	93	34	
56/ 55											.4	.4	.4	.4	.1			352	352	170	101	
54/ 53											.5	.5	.5	.5	.1			391	391	241	123	
52/ 51											.3	.3	.3	.3	.1			375	375	351	181	
50/ 49											.8	.8	.8	.8	.1			370	370	385	244	
48/ 47											.6	.6	.6	.6	.1			306	306	475	287	
46/ 45											.5	.5	.5	.5	.1			196	196	464	330	
44/ 43											.4	.4	.4	.4	.1			154	154	295	341	
42/ 41											.2	.2	.2	.2	.1			73	73	237	336	
40/ 39											.1	.1	.1	.1	.1			38	38	146	292	
38/ 37											.0	.1						3	3	46	233	
36/ 35																		5	120			
34/ 33											.1							2	2	7	82	
32/ 31											.0							1	1	4	63	
30/ 29																					56	
28/ 27																					42	
26/ 25																					31	
24/ 23																					20	
22/ 21																					10	
20/ 19																					6	
18/ 17																					1	
16/ 15																					4	
14/ 13																					2	
10/ 9																					2	
8/ 7																					2	
Element (X)	Z ² X ²	Z ² X	X̄	X̄ ²	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total										
Dry Bulb																						
Wet Bulb																						
Dew Point																						

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PAGE 1 1300-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point			
76/ 75										0								1	1				
74/ 73										0								1	1				
72/ 71										0	1	0						1	1				
70/ 69										0	0	0						5	5				
68/ 67										0	1	1						9	9				
66/ 65										1	2	1	1	0				18	18				
64/ 63										0	2	3	3	1				35	35				
62/ 61		5	3	3	3	3	3	3	4	2	2	1						78	78	3			
60/ 59	1	1.4	1.1	1.1	0.7	0.5	0.2	0.2	0.0									163	163	33	8		
58/ 57	4	2.3	1.9	1.6	1.1	0.8	0.2	0.1	0.0									251	251	78	47		
56/ 55	2	3.3	2.9	3.0	2.4	0.8	0.3	0.1	0.0									389	389	146	79		
54/ 53	9	3.2	4.0	3.1	1.7	0.4	0.4	0.1										418	418	265	138		
52/ 51	9	3.6	4.4	3.5	1.2	0.2	0.1											413	413	329	181		
50/ 49	7	3.7	4.4	2.7	1.1	0.6	0.1											399	399	428	249		
48/ 47	5	4.6	3.1	1.5	0.8	0.2												324	324	483	277		
46/ 45	3	4.2	1.8	1.0	0.3	0.1	0.1											234	234	463	348		
44/ 43	2	2.6	1.1	0.3	0.1	0.0	0.1											132	132	333	341		
42/ 41	3	1.6	0.3	0.1	0.0													70	70	215	378		
40/ 39	2	0.6			0.0	0.0												24	24	151	336		
38/ 37		0.2																5	5	28	191		
36/ 35		0.1																3	3	3	127		
34/ 33																				7	86		
32/ 31																				3	59		
30/ 29																				1	41		
28/ 27																					32		
26/ 25																					21		
24/ 23																					9		
22/ 21																					11		
20/ 19																					2		
18/ 17																					2		
16/ 15																					1		
14/ 13																					2		
6/ 5																					6		
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total											
Dry Bulb																							
Wet Bulb																							
Dew Point																							

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION STATION NAME

39-70

YEARS

DEC

MONTH

1500-1700
HOURS (L. S. T.)

1.000-1.700

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23211 HAMILTON AFB CALIF/SAN RAFAEL

39-70

YEARS

DEC

MONTH

PAGE 1 1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point		Dry Bulb	Wet Bulb	Dew Point
68/ 67								.0													1	1		
66/ 65								.0	.0	.0										3	3			
64/ 63																				2	2			
62/ 61	.2	.1	.0	.0	.0	.0	.1	.0											18	18				
60/ 59	.1	1.2	.2	.1	.0	.0	.1	.1	.1										50	30	14	1		
58/ 57	.4	2.1	.7	.2	.2	.2	.1	.0											109	109	61	42		
56/ 55	1.0	2.6	.0	.3	.3	.3	.1												160	160	104	78		
54/ 53	1.0	3.7	2.2	1.1	.3	.2	.1	.0											255	255	153	108		
52/ 51	1.4	5.0	3.1	1.2	.8	.1	.1	.0											348	348	194	137		
50/ 49	1.8	5.4	5.2	1.7	.6	.1	.0												443	443	302	216		
48/ 47	.8	7.2	3.7	1.7	.6	.2													421	421	378	214		
46/ 45	.9	8.0	3.6	1.6	.5	.2													440	442	476	320		
44/ 43	1.2	5.0	2.5	.6	.4	.0													286	287	421	398		
42/ 41	1.0	4.2	1.7	.8	.1	.0	.1												234	234	330	360		
40/ 39	.5	2.2	.9	.5		.1													122	122	277	297		
38/ 37	.1	.9	.4	.0															41	41	124	244		
36/ 35		.2	.5																20	20	79	193		
34/ 33		.1	.1	.0															9	9	26	104		
32/ 31		.1																	4	4	18	71		
30/ 29																				9	9	50		
28/ 27																							43	
26/ 25																							31	
24/ 23																							11	
22/ 21																							15	
20/ 19																							4	
18/ 17																							3	
6/ 5																							6	
TOTAL	10,248	0,025	0,8	7,8	3,8	1,5	.6	.2											2969	2966	2966			
																			2966	2966				

Element (X)	ΣX^2	ΣX	X	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F
Rel. Hum.	20376964	242516	81,813,589	2966							
Dry Bul.	6966196	142980	48,2	2,233	2966						
Wet	6227704	134962	45,5	2,604	2966						
Dew	5504827	12592	42,9	2,111	2966						

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3

23211 HAMILTON AFB CALIF/SAN RAFAEL

STATION NAME

39-70

YEARS

DEC
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL D.B./W.B.	TOTAL					
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
72 / 71																		1	1	
66 / 65																		4	4	
64 / 63																		2	2	
62 / 61																		13	13	
60 / 59	.1	.9	.2	.2														42	42	13
58 / 57	.5	1.8	.1	.0														81	81	21
56 / 55	.8	2.6	.6	.1														127	127	89
54 / 53	1.1	3.1	.9	.6														174	174	99
52 / 51	1.0	3.2	1.5	.6														195	195	103
50 / 49	1.9	5.3	2.8	.6														333	333	196
48 / 47	2.0	5.6	2.3	1.5														352	352	293
46 / 45	2.7	8.8	2.3	1.2														456	456	396
44 / 43	2.9	6.8	1.9	.5														363	364	432
42 / 41	2.6	5.2	1.5	.7														307	308	384
40 / 39	1.0	4.1	1.3	.6														212	212	270
38 / 37	.8	3.1	1.1	.2														156	157	210
36 / 35	.5	1.6	.5	.0														79	79	153
34 / 33	.1	1.2	.2	.0														48	48	152
32 / 31	.1	.5	.0	.0														19	19	120
30 / 29																		2	2	80
28 / 27																		2	2	53
26 / 25																		1	1	28
24 / 23																				23
22 / 21																				8
20 / 19																				7
18 / 17																				6
16 / 15																				4
14 / 13																				3
6 / 5																				2
4 / 3																				4
TOTAL	18.0	54.1	17.7	7.0	1.7	.7	.3	.2	.1									2971	2960	
																		2968	2968	
Element (X)	ΣX^2	ΣX	X	\bar{X}	No. Obs.	Mean No. of Hours with Temperature													Total	
Rel. Hum.	22008157	222671	55.1	12.936	2968	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$								93	
Dry Bulb	6407352	136824	46.1	3.979	271														93	
Wet Bulb	3549504	130936	44.0	6.052	238														93	
Dew Point	3287280	123248	41.5	7.934	2388														93	

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USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

STATION	STATION NAME	YEARS												
		JAN	FEB	MAR	APR.	MAY	JUN	JUL	AUG.	SEP	OCT.	NOV	DEC	ANNUAL
00-02	MEAN	43.2	46.2	47.2	48.7	51.2	54.0	54.9	55.4	55.8	53.2	48.4	44.8	50.3
	S D	6.735	5.522	4.664	4.288	4.223	4.270	3.303	3.384	4.872	4.910	5.931	6.552	6.575
	TOTAL OBS	2873	2627	2970	2878	2974	2787	2975	2976	2877	2976	2879	2975	34769
03-05	MEAN	42.3	46.8	45.6	47.1	49.9	53.3	53.7	54.0	54.0	51.4	47.1	43.6	48.9
	S D	7.165	6.173	5.066	4.546	4.394	3.981	3.213	3.280	4.806	5.273	6.310	6.994	6.686
	TOTAL OBS	2882	2628	2975	2880	2972	2787	2972	2976	2877	2972	2880	2975	34776
06-08	MEAN	42.0	44.7	46.6	50.1	54.9	58.9	58.3	57.4	56.8	52.8	47.3	43.3	51.2
	S D	7.389	6.378	5.343	5.426	5.313	5.317	4.666	4.511	5.807	5.834	6.329	7.049	8.318
	TOTAL OBS	2883	2628	2975	2876	2973	2789	2969	2976	2877	2975	2875	2976	34772
09-11	MEAN	46.8	51.0	54.8	58.9	63.1	67.2	67.4	66.7	67.5	63.1	55.2	48.5	59.2
	S D	6.189	5.168	5.324	5.936	6.011	6.603	5.667	5.284	6.605	5.971	5.728	6.018	9.464
	TOTAL OBS	2880	2625	2974	2880	2972	2789	2974	2976	2877	2970	2878	2975	34770
12-14	MEAN	51.2	55.8	59.6	64.0	68.4	73.4	73.0	74.6	73.4	69.6	60.2	52.4	65.0
	S D	5.600	5.102	6.194	7.268	7.272	7.842	6.369	6.175	7.566	6.871	5.908	5.764	10.821
	TOTAL OBS	2883	2627	2976	2879	2975	2788	2973	2976	2877	2976	2879	2974	34783
15-17	MEAN	51.2	56.3	59.3	63.1	67.3	72.9	75.8	75.3	75.0	68.9	59.5	52.0	64.8
	S D	5.237	5.210	6.632	7.817	7.611	6.097	6.260	6.224	7.898	7.251	5.840	5.305	10.984
	TOTAL OBS	2883	2625	2975	2879	2973	2785	2974	2976	2873	2971	2876	2973	34769
18-20	MEAN	47.1	51.1	52.8	53.5	59.2	64.3	66.6	65.6	64.9	60.2	53.7	49.2	57.3
	S D	5.376	4.600	4.995	5.803	6.237	7.317	6.391	6.018	6.510	5.301	4.969	5.211	8.833
	TOTAL OBS	2882	2623	2974	2877	2976	2787	2972	2973	2876	2974	2880	2969	34763
21-23	MEAN	44.8	48.1	49.2	50.9	53.6	57.2	57.9	58.2	58.7	55.7	50.4	46.1	52.6
	S D	6.163	4.815	4.330	4.326	4.330	4.839	4.049	4.091	5.143	4.679	5.408	5.979	6.821
	TOTAL OBS	2881	2620	2973	2877	2970	2789	2974	2974	2876	2969	2879	2971	34739
ALL HOURS	MEAN	46.1	49.7	51.7	54.8	58.4	62.7	63.7	63.4	63.5	59.4	52.7	47.4	56.2
	S D	7.152	6.911	7.519	8.491	8.881	9.689	9.679	9.340	10.127	8.943	7.686	6.946	10.590
	TOTAL OBS	23049	21009	23792	23028	23787	22301	23787	23803	23010	23782	23028	23788	278163

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23211 HAMILTON AFB CALIF/SAN RAFAEL 39-70

STATION	STATION NAME	YEARS												
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02		41.6	44.0	44.4	46.1	48.5	51.4	52.3	52.7	52.3	49.8	49.9	43.1	47.7
	MEAN	41.6	44.0	44.4	46.1	48.5	51.4	52.3	52.7	52.3	49.8	49.9	43.1	47.7
	S D	6.884	5.715	4.524	3.947	3.725	3.311	2.782	2.701	3.943	4.768	5.996	6.625	6.110
	TOTAL OBS	2875	2627	2969	2875	2965	2787	2975	2975	2874	2972	2879	2974	34747
03-05		40.6	43.0	43.2	44.8	47.6	50.5	51.5	51.8	51.2	48.6	45.0	42.3	40.7
	MEAN	40.6	43.0	43.2	44.8	47.6	50.5	51.5	51.8	51.2	48.6	45.0	42.3	40.7
	S D	7.209	6.335	4.988	4.272	3.992	3.379	2.907	2.919	4.167	5.275	6.316	7.028	6.380
	TOTAL OBS	2882	2628	2973	2877	2962	2787	2972	2972	2874	2970	2880	2975	34752
06-08		40.5	42.9	44.0	47.0	50.9	54.0	54.6	54.2	53.1	49.6	45.2	42.0	48.2
	MEAN	40.5	42.9	44.0	47.0	50.9	54.0	54.6	54.2	53.1	49.6	45.2	42.0	48.2
	S D	7.472	6.485	5.163	4.549	4.185	3.681	3.277	3.269	4.384	5.334	6.426	7.083	7.257
	TOTAL OBS	2883	2628	2971	2873	2961	2789	2969	2973	2876	2973	2875	2976	34747
09-11		44.1	47.3	49.2	52.9	55.7	58.8	60.0	59.8	59.5	55.9	50.6	45.6	53.3
	MEAN	44.1	47.3	49.2	52.9	55.7	58.8	60.0	59.8	59.5	55.9	50.6	45.6	53.3
	S D	6.137	4.939	4.209	4.498	4.374	4.193	3.560	3.234	3.827	4.091	4.825	5.694	7.180
	TOTAL OBS	2879	2625	2973	2880	2964	2788	2974	2973	2877	2970	2877	2975	34755
12-14		46.8	50.1	51.7	55.0	58.1	61.6	63.6	63.3	62.7	58.8	53.2	47.9	56.1
	MEAN	46.8	50.1	51.7	55.0	58.1	61.6	63.6	63.3	62.7	58.8	53.2	47.9	56.1
	S D	5.379	4.505	4.318	5.032	4.724	4.704	3.635	3.187	3.997	4.056	4.498	5.051	7.334
	TOTAL OBS	2882	2627	2974	2878	2966	2786	2973	2973	2877	2976	2879	2974	34765
15-17		47.0	50.3	51.4	54.1	57.2	60.7	63.4	63.0	62.2	58.3	52.8	47.8	55.7
	MEAN	47.0	50.3	51.4	54.1	57.2	60.7	63.4	63.0	62.2	58.3	52.8	47.8	55.7
	S D	5.140	4.441	4.500	3.243	4.903	4.901	3.860	3.389	4.344	4.293	4.493	4.811	7.273
	TOTAL OBS	2883	2625	2975	2876	2969	2785	2976	2972	2872	2971	2879	2973	34756
18-20		44.5	47.5	48.1	50.2	53.1	56.5	58.5	58.3	57.3	54.0	49.6	43.3	52.0
	MEAN	44.5	47.5	48.1	50.2	53.1	56.5	58.5	58.3	57.3	54.0	49.6	43.3	52.0
	S D	5.693	4.638	4.201	4.464	4.372	4.581	3.941	3.607	4.184	4.192	4.679	5.402	6.666
	TOTAL OBS	2882	2623	2975	2874	2967	2787	2972	2970	2874	2972	2879	2966	34741
21-23		42.8	45.4	45.9	47.6	50.2	52.9	52.9	54.1	54.4	54.2	51.4	47.4	44.0
	MEAN	42.8	45.4	45.9	47.6	50.2	52.9	52.9	54.1	54.4	54.2	51.4	47.4	44.0
	S D	6.409	5.030	4.193	3.844	3.691	3.973	3.038	2.934	3.905	4.294	5.444	6.052	6.032
	TOTAL OBS	2881	2626	2973	2874	2961	2789	2970	2970	2871	2969	2879	2968	34731
ALL HOURS		43.5	46.3	47.3	49.6	52.7	55.8	57.3	57.2	56.6	53.3	48.7	44.8	51.1
	MEAN	43.5	46.3	47.3	49.6	52.7	55.8	57.3	57.2	56.6	53.3	48.7	44.8	51.1
	S D	6.775	6.000	5.502	5.770	5.681	5.698	5.628	5.214	5.699	5.929	6.231	6.401	7.622
	TOTAL OBS	23047	21009	23783	23007	23715	22295	23781	23778	22995	23773	23027	23781	277994

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23211 HAMILTON AFB CALIF/SAN RAFAEL

39-70

STATION	STATION NAME		YEARS											
			JAN	FEB	MAR	APR.	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02	MEAN	39.3	41.4	41.3	43.3	46.0	48.5	50.1	50.4	49.3	46.4	43.3	41.0	45.1
	S D	8.381	7.407	6.034	4.907	4.290	3.960	2.933	2.870	5.315	7.021	7.528	7.903	7.080
	TOTAL OBS	2874	2627	2969	2875	2965	2787	2973	2974	2874	2972	2879	2974	34743
03-05	MEAN	38.8	40.7	40.5	42.4	45.3	48.0	49.8	50.0	48.7	45.6	42.7	40.6	44.4
	S D	8.665	7.776	6.362	5.076	4.461	3.962	3.048	3.100	5.357	7.287	7.691	8.129	7.293
	TOTAL OBS	2882	2628	2973	2876	2962	2787	2972	2972	2874	2970	2880	2975	34751
06-08	MEAN	38.5	40.6	40.9	43.7	47.4	50.2	51.8	51.7	50.0	46.4	42.9	40.1	45.4
	S D	8.807	7.827	6.449	5.271	4.773	4.201	3.106	3.087	5.340	7.240	7.702	8.177	7.795
	TOTAL OBS	2883	2628	2971	2873	2961	2789	2969	2973	2875	2973	2875	2976	34746
09-11	MEAN	40.8	43.4	43.7	46.8	49.9	52.9	53.2	55.2	53.9	50.0	46.1	42.3	48.4
	S D	8.295	7.376	6.694	6.228	5.761	5.410	3.680	3.283	5.451	7.241	7.215	7.384	8.050
	TOTAL OBS	2880	2625	2973	2880	2964	2788	2974	2973	2876	2970	2876	2975	34754
12-14	MEAN	42.0	44.3	44.4	47.4	50.6	53.6	56.3	56.3	54.2	50.6	46.9	43.1	49.2
	S D	8.497	7.794	7.095	6.965	6.294	6.374	4.644	4.101	6.806	7.886	7.715	7.492	8.516
	TOTAL OBS	2882	2627	2974	2878	2966	2786	2972	2973	2876	2976	2879	2974	34763
15-17	MEAN	42.3	44.5	44.1	46.6	49.5	52.3	55.5	55.2	53.5	50.0	46.8	43.4	48.7
	S D	7.810	7.303	6.669	6.682	6.311	6.576	5.573	4.985	7.107	7.769	7.295	7.047	8.163
	TOTAL OBS	2882	2624	2975	2875	2968	2785	2976	2972	2872	2971	2878	2973	34751
18-20	MEAN	41.3	43.7	43.3	45.2	48.0	50.6	53.3	53.1	52.0	48.5	45.5	42.5	47.3
	S D	7.740	6.651	5.862	5.340	5.214	5.493	4.637	4.261	6.294	7.136	7.171	7.181	7.412
	TOTAL OBS	2882	2622	2975	2874	2967	2787	2971	2970	2874	2972	2879	2966	34739
21-23	MEAN	40.2	42.4	42.4	44.2	47.0	49.4	51.2	51.4	50.5	47.2	44.3	41.3	46.0
	S D	8.185	6.915	5.740	4.872	4.420	4.224	3.236	3.255	5.465	6.818	7.274	7.354	7.016
	TOTAL OBS	2880	2626	2973	2873	2960	2789	2970	2970	2871	2969	2879	2968	34728
ALL HOURS	MEAN	40.4	42.6	42.6	45.0	48.0	50.7	52.9	52.9	51.5	48.1	44.8	41.8	46.8
	S D	8.410	7.538	6.523	5.994	5.542	5.481	4.643	4.321	6.268	7.527	7.626	7.706	7.870
	TOTAL OBS	23045	21007	23782	23004	23713	22298	23777	23777	23992	23773	23025	23781	277973

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23211 HAMILTON AFB CALIF/SAN RAFAEL

STATION

STATION NAME

39-70

PERIOD

ALL

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.8	99.0	97.4	94.7	87.9	81.1	64.8	35.8	82.2	23046
FEB		100.0	99.9	98.6	96.1	92.4	85.6	73.7	54.8	27.0	78.6	21007
MAR		100.0	99.7	98.0	94.3	88.7	77.6	61.4	39.3	14.2	73.0	23782
APR		100.0	99.7	98.4	95.3	88.3	75.1	58.3	35.6	11.6	71.9	23005
MAY		100.0	99.7	98.4	95.0	87.2	73.1	55.2	31.8	8.8	70.6	23712
JUN		100.0	99.3	97.2	92.6	82.9	67.7	49.2	26.2	4.8	67.7	22298
JUL		100.0	99.8	98.8	95.2	86.7	72.5	54.4	34.1	6.8	70.6	23777
AUG		100.0	99.8	98.6	95.4	87.4	74.2	56.2	34.7	7.2	71.1	23778
SEP		100.0	98.5	95.3	90.7	82.4	69.2	52.2	32.1	8.8	68.6	22992
OCT		100.0	99.0	95.3	89.3	81.4	70.0	55.4	36.5	14.5	70.0	23772
NOV		100.0	99.3	98.3	95.3	89.9	81.5	69.1	49.9	24.9	76.8	23024
DEC		100.0	99.9	99.4	98.0	95.3	90.3	80.8	65.2	35.5	82.4	23781
TOTALS		100.0	99.6	98.0	94.6	88.1	77.2	62.3	42.1	16.7	73.6	277974

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23211 HAMILTON AFB CALIF/SAN RAFAEL

STATION

STATION NAME

40-70

JAN

MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23211 HAMILTON AFB CALIF/SAN RAFAEL

40-70

FEED

STATION NAME

PERIODICO

MONII

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	99.4	98.1	96.9	94.6	87.8	72.2	39.9	84.7	2627
	03-05	100.0	100.0	99.6	98.6	97.3	95.0	89.7	77.2	47.7	86.5	2628
	06-08	100.0	100.0	99.9	98.8	97.6	94.8	89.0	77.3	47.3	86.4	2628
	09-11	100.0	100.0	98.4	96.0	91.3	84.2	70.1	49.8	22.2	77.0	2625
	12-14	100.0	99.5	96.1	90.4	82.5	67.6	49.7	28.1	8.6	67.9	2627
	15-17	100.0	99.7	97.1	91.7	82.3	66.8	45.9	24.8	6.9	67.1	2624
	18-20	100.0	99.9	99.4	97.4	94.5	88.7	73.9	45.4	14.9	77.2	2622
	21-23	100.0	99.8	99.2	98.1	96.9	95.0	83.7	63.5	28.2	82.0	2626
TOTALS		100.0	99.9	98.6	96.1	92.6	85.6	73.7	54.8	27.0	78.5	2100?

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION STATION NAME

39-70

MAR

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23211 HAMILTON AFB CALIF/SAN RAFAEL

39-70

APR

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23211 HAMILTON AFB CALIF/SAN RAFAEL

39-70

MAY
MONT

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION _____ STATION NAME _____

39-40, 42-70

JUN

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION STATION NAME

39-70

JUL

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

**DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC**

RELATIVE HUMIDITY

23211 HAMILTON AFB CALIF/SAN RAFAEL
STATION STATION NAME

39-70

PERIOD

AUG
MONT

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23211 HAMILTON AFB CALIF/SAN RAFAEL

39-70

SEP
MONT

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23211 HAMILTON AFB CALIF/SAN RAFAEL

STATION

HAMILTON AFB CALIF/SAN RAFAEL

STATION NAME

39-70

PERIOD

DCT

MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23211 HAMILTON AFB CALIF/SAN RAFAEL

STATION

STATION NAME

39-70

NOV

MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23211 HAMILTON AFB CALIF/SAN RAFAEL

39-70

DEC
MON

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	99.7	99.1	98.3	96.4	90.2	78.8	47.3	87.1	2974
	03-05	100.0	100.0	99.8	99.2	98.5	96.9	92.0	82.5	54.1	88.4	2975
	06-08	100.0	100.0	99.8	99.4	98.6	96.7	92.1	82.0	53.6	88.5	2976
	09-11	100.0	99.9	99.2	97.9	94.9	88.3	77.6	60.0	30.8	80.9	2975
	12-14	100.0	99.7	98.1	94.8	87.6	76.2	61.0	40.6	15.0	73.1	2974
	15-17	100.0	99.8	98.9	96.1	90.6	81.2	64.6	41.8	15.2	74.5	2973
	18-20	100.0	100.0	99.7	98.8	96.4	91.9	82.0	62.6	28.3	81.8	2966
	21-23	100.0	100.0	99.6	93.9	97.6	94.7	87.1	73.5	39.2	85.1	2968
TOTALS		100.0	99.9	99.4	98.0	95.3	90.3	80.8	65.2	35.5	82.4	23781

DATA PROCESSING DIVISION
ETAC/USAF
AIR Weather Service (MAC)
ASHEVILLE, NORTH CAROLINA

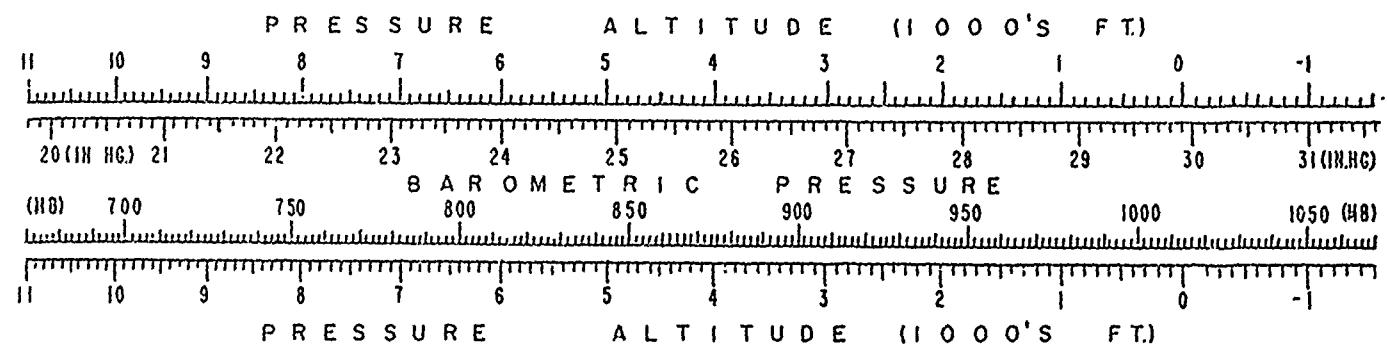
PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

23211 HAMILTON AFB CALIF/SAN RAFAEL 46-63,65-70

STATION	STATION NAME		YEARS												
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	30.12330.09730.05930.02529.97629.92229.92429.92629.91230.00030.07730.120													30.013
	S D	.178 .174 .149 .121 .103 .090 .071 .071 .085 .101 .146 .168 .149													
	TOTAL OBS	712 649 709 690 713 688 713 744 720 744 720 744 8546													
04	MEAN	30.12130.08930.04630.01429.97029.91929.92429.92429.90929.99430.07430.117													30.008
	S D	.181 .177 .150 .122 .102 .090 .071 .071 .083 .102 .146 .170 .149													
	TOTAL OBS	713 649 713 690 713 690 713 744 720 744 719 744 8552													
07	MEAN	30.13030.10130.06530.04029.99529.94429.95229.95329.93630.01530.09130.127													30.029
	S D	.182 .180 .155 .126 .104 .090 .071 .071 .085 .104 .148 .173 .148													
	TOTAL OBS	713 649 713 690 713 690 712 744 720 744 720 744 8552													
10	MEAN	30.16730.12830.08730.05530.00129.94829.95729.96329.94930.03630.11730.163													30.047
	S D	.181 .180 .155 .125 .104 .090 .071 .071 .084 .106 .149 .174 .153													
	TOTAL OBS	713 649 712 690 712 690 713 744 720 744 720 743 8550													
13	MEAN	30.12030.09430.05830.02929.97829.92829.93129.93229.91129.99330.07230.115													30.013
	S D	.176 .172 .152 .122 .105 .092 .073 .073 .085 .105 .147 .169 .148													
	TOTAL OBS	713 649 713 690 713 689 713 744 719 744 720 744 8551													
16	MEAN	30.09930.06230.02429.99629.94929.90029.89529.89229.87229.96030.04430.094													29.982
	S D	.172 .168 .147 .121 .106 .094 .074 .075 .087 .103 .143 .166 .149													
	TOTAL OBS	713 649 713 690 713 688 712 743 720 744 720 744 8549													
19	MEAN	30.10630.07030.02829.99529.95029.89729.89329.89229.87729.97330.05430.104													29.986
	S D	.173 .168 .147 .119 .103 .094 .074 .075 .087 .104 .144 .165 .150													
	TOTAL OBS	712 649 712 690 713 689 713 744 720 744 720 744 8550													
22	MEAN	30.12430.09030.05630.02429.97829.92629.92529.92329.90729.99930.07830.122													30.012
	S D	.176 .171 .147 .119 .102 .089 .072 .072 .085 .102 .144 .166 .148													
	TOTAL OBS	713 649 713 690 713 690 713 744 720 743 719 743 8550													
ALL HOURS	MEAN	30.12430.09120.05330.02229.97529.92329.92529.92629.90929.99630.07630.120													30.011
	S D	.178 .175 .152 .123 .103 .093 .075 .076 .089 .105 .147 .170 .150													
	TOTAL OBS	5702 5192 5698 5520 5703 5514 5702 5951 5759 5951 5758 5950 68400													

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SFA LEVEL PRESSURE IN HBS FROM HOURLY OBSERVATIONS

23211 HAMILTON AFB CALIF/SAN RAFAEL 45-70

STATION	STATION NAME	YEARS												
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	1020.4	1019.6	1018.1	1017.0	1015.5	1013.5	1013.6	1013.7	1013.2	1016.1	1018.8	1020.1	1016.6
	S D	6.005	5.715	5.035	4.173	3.428	2.979	2.368	2.389	2.846	3.451	4.952	5.745	5.017
	TOTAL OBS	775	706	802	780	806	778	806	806	780	806	780	806	9431
04	MEAN	1020.4	1019.3	1017.7	1016.7	1015.3	1013.4	1013.6	1013.6	1013.1	1016.0	1018.7	1020.0	1016.5
	S D	6.164	5.851	5.078	4.211	3.403	2.979	2.369	2.379	2.814	3.463	4.978	5.818	5.032
	TOTAL OBS	774	706	806	780	806	780	805	806	780	804	780	806	9433
07	MEAN	1020.7	1019.7	1018.3	1017.5	1016.1	1014.3	1014.6	1014.6	1014.1	1016.7	1019.3	1020.4	1017.2
	S D	6.197	5.946	5.225	4.315	3.467	2.998	2.385	2.398	2.870	3.533	5.012	5.888	4.930
	TOTAL OBS	775	706	806	780	806	780	805	806	780	806	780	806	9436
10	MEAN	1022.0	1020.6	1019.0	1018.0	1016.3	1014.4	1014.8	1014.9	1014.5	1017.4	1020.2	1021.6	1017.8
	S D	6.164	5.949	5.262	4.305	3.478	3.022	2.367	2.386	2.838	3.600	5.020	5.931	5.164
	TOTAL OBS	775	706	805	780	805	780	806	806	780	806	780	805	9434
13	MEAN	1020.2	1019.5	1018.0	1017.1	1015.2	1013.7	1013.9	1013.9	1013.2	1015.9	1018.7	1020.0	1016.6
	S D	6.034	5.712	5.156	4.209	3.498	3.076	2.426	2.464	2.858	3.572	4.931	5.797	4.997
	TOTAL OBS	775	706	806	779	806	779	806	806	780	806	780	806	9435
16	MEAN	1019.6	1018.4	1016.9	1016.0	1014.6	1012.8	1012.6	1012.5	1011.9	1014.8	1017.8	1019.3	1015.6
	S D	5.917	5.545	5.062	4.156	3.518	3.144	2.478	2.526	2.928	3.504	4.816	5.672	5.019
	TOTAL OBS	775	706	806	780	806	778	806	806	780	803	779	805	9432
19	MEAN	1019.8	1018.6	1017.1	1016.0	1014.6	1012.7	1012.6	1012.5	1012.1	1015.3	1018.1	1019.6	1015.7
	S D	5.954	5.565	5.009	4.106	3.459	3.122	2.469	2.506	2.930	3.533	4.840	5.656	5.067
	TOTAL OBS	775	706	806	780	806	779	806	806	780	805	779	806	9434
22	MEAN	1020.5	1019.3	1018.0	1017.0	1015.3	1013.7	1013.7	1013.5	1013.1	1016.1	1018.8	1020.2	1016.6
	S D	6.060	5.678	5.004	4.098	3.386	2.961	2.392	2.417	2.885	3.465	4.872	5.666	4.991
	TOTAL OBS	775	706	806	779	806	780	806	806	780	804	779	805	9432
ALL HOURS	MEAN	1020.5	1019.4	1017.9	1016.9	1015.4	1013.6	1013.7	1013.7	1013.2	1016.0	1018.8	1020.2	1016.6
	S D	6.104	5.780	5.195	4.246	3.502	3.086	2.514	2.561	2.985	3.592	4.973	5.804	5.077
	TOTAL OBS	6192	5648	6443	6238	6447	6234	6446	6448	6240	6442	6237	6445	75467